```
Set      Items    Description
S1         35     AU='GRIMM S' OR AU='GRIMM S M'
S2          2     AU='GRIMM STEVEN M'
S3         18     AU='ROTHSCHILD J' OR AU='ROTHSCHILD J J' OR AU='ROTHSCHILD
                  JEFFREY JACKIEL'
S4         17     AU='SAMUEL D' OR AU='SAMUEL D J' OR AU='SAMUEL DANIEL JOSE-
                  PH'
S5        317     AU='WOLF M' OR AU='WOLF M A'
S6        104     AU='WOLF MICHAEL' OR AU='WOLF MICHAEL A'
S7        479     S1:S6
S8         34     S7 AND IC=G06F
S9         34     IDPAT (sorted in duplicate/non-duplicate order)
S10        26     IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Oct(Updated 060203)
         (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200614
         (c) 2006   Thomson Derwent
File 349:PCT FULLTEXT 1979-2006/UB=20060223,UT=20060216
         (c) 2006 WIPO/Univentio
File 348:EUROPEAN PATENTS 1978-2006/Feb W04
         (c) 2006 European Patent Office
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DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.   ·

016580289   **Image available**
WPI Acc No: 2004-739024/200473
XRPX Acc No: N04-584845
   **Transmission network e.g. crossconnect, element, has switch controlled by
   transition monitors to alter selection of switch in one case that
   selected signal does not contain bit level transitions while non-selected
   signal does**
Patent Assignee: ALCATEL (COGE)
Inventor: BEISEL W; WOLF ; **WOLF** M ; WOLF M J
Number of Countries: 032 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1467495	A1	20041013	EP 2003290911	A	20030411	200473	B
EP 1467495	B1	20050622	EP 2003290911	A	20030411	200541	
US 20050144504	A1	20050630	US 2004815723	A	20040402	200543	
DE 60300885	E	20050728	DE 300885	A	20030411	200551	
			EP 2003290911	A	20030411		
DE 60300885	T2	20051006	DE 300885	A	20030411	200566	
			EP 2003290911	A	20030411		

Priority Applications (No Type Date): EP 2003290911 A 20030411
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1467495	A1	E	10	H04B-001/74	

   Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
   GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

| EP 1467495 | B1 | E | | H04B-001/74 | |

   Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
   GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

US 20050144504	A1			G06F-011/00	
DE 60300885	E			H04B-001/74	Based on patent EP 1467495
DE 60300885	T2			H04B-001/74	Based on patent EP 1467495

Abstract (Basic): EP 1467495 A1
       NOVELTY - The element has two redundant signal paths for two
   redundant signals. A switch (SW) selects either of the signals as
   active. Two transition monitors (T1, T2) are coupled to the respective
   paths for monitoring the signals for bit level transitions. The switch
   is controlled by the monitors to alter selection in a case that the
   selected signal does not contain bit level transitions while the
   non-selected signal does.
       DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
   method of controlling selection of two signals from two redundant
   signal paths in a network element.
       USE - Transmission network e.g. crossconnect, element.
       ADVANTAGE - The switch is controlled by the transition monitors,
   thus allowing immediate detection of a failure condition and switching
   over in a hitless manner at the time of detection. The need to initiate
   the switch earlier in time in order to avoid a traffic hit in the
   transmission network is eliminated, hence facilitating maintenance of
   the network.
       DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a
   network element.
       Clock (CL)
       Selector (S)
       Switch (SW)
       Transition monitors (T1,T2)
       pp; 10 DwgNo 1/3
Title Terms: TRANSMISSION; NETWORK; ELEMENT; SWITCH; CONTROL; TRANSITION;
   MONITOR; ALTER; SELECT; SWITCH; ONE; CASE; SELECT; SIGNAL; CONTAIN; BIT;

LEVEL; TRANSITION; NON; SELECT; SIGNAL
Derwent Class: T01; W01; W02
International Patent Class (Main): **G06F-011/00** ; H04B-001/74
File Segment: EPI

015963428   **Image available**
WPI Acc No: 2004-121269/200412
XRPX Acc No: N04-097125
   **Automated fact-finding data collection method for interview, involves
   implementing review logic process by comparing baseline response with
   user's response to survey question**
Patent Assignee: SAMUEL D J (SAMU-I); SIDERS C M (SIDE-I); WHITTEN T C
   (WHIT-I)
Inventor: **SAMUEL D J** ; SIDERS C M; WHITTEN T C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040010439	A1	20040115	US 200211230	A	20020712	200412	B

Priority Applications (No Type Date): US 200211230 A 20020712
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040010439	A1		6	G06F-017/60	

Abstract (Basic): US 20040010439 A1
     NOVELTY - A tolerance band is specified with respect to the
baseline responses, and the survey questions with multiple choice
response are presented. The review logic process is implemented by
comparing baseline response with the user's response to survey
question. The subsequent question is presented, if the user's response
is within tolerance band, else justification of response is elicited.
     USE - For automating survey process and data collection in
interviews and questionnaires.
     ADVANTAGE - Decreases time and cost associated with fact-finding
survey of large geographically distributed sample group. Increases
probability of collecting better data, and minimizes survey bias.
     DESCRIPTION OF DRAWING(S) - The figure shows the table of automated
fact-finding data collection method setup.
     preparation phase (10)
     baseline phase (12)
     execution phase (14)
     evaluation phase (16)
     pp; 6 DwgNo 1/3
Title Terms: AUTOMATIC; FACT; FINDER; DATA; COLLECT; METHOD; INTERVIEW;
   IMPLEMENT; REVIEW; LOGIC; PROCESS; COMPARE; BASELINE; RESPOND; USER;
   RESPOND; SURVEYING; QUESTION
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

015477863   **Image available**
WPI Acc No: 2003-540010/200351
XRPX Acc No: N03-428252
Source code loop nest unrolling method in compiler, involves unrolling
second two-deep loop nest that contains only perfectly nested code, to
produce unrolled section and wind-section of code
Patent Assignee: SILICON GRAPHICS INC (SILI-N)
Inventor: **WOLF M**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6567976	B1	20030520	US 97822927	A	19970320	200351	B

Priority Applications (No Type Date): US 97822927 A 19970320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6567976	B1		13	G06F-009/45	

Abstract (Basic): US 6567976 B1
     NOVELTY - The two-deep loop nest is transformed into adjacent
two-deep loop nest comprising three two-deep loop nests. The second
two-deep loop nest that contains only perfectly nested code, is
unrolled to produce an unrolled section of a code and a wind-down
section of code. The unrolled section of the code is jammed and the
processes are repeated to unroll loop nests of depth greater than two.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
computer-readable medium storing source code optimization program.
     USE - For unrolling two-deep loop nest of source code in compiler
for optimizing source code for scientific applications, loop
interchange, cache tiling or blocking.
     ADVANTAGE - Allows outer loop unrolling for two-deep loop nest with
imperfectly nested code and convex bounds.
     DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of outer
loop unrolling process.
     pp; 13 DwgNo 1/4
Title Terms: SOURCE; CODE; LOOP; NEST; UNROLL; METHOD; COMPILE; UNROLL;
  SECOND; TWO; DEEP; LOOP; NEST; CONTAIN; PERFECT; NEST; CODE; PRODUCE;
  UNROLL; SECTION; WIND; SECTION; CODE
Derwent Class: T01
International Patent Class (Main): **G06F-009/45**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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014878402 **Image available**
WPI Acc No: 2002-699108/200275
XRPX Acc No: N02-551237
  **Method for the output of data on motor vehicle information for a user
  displays information options for a user to select with a context-based
  profile to generate data**
Patent Assignee: DAIMLERCHRYSLER AG (DAIM); ENIGK H (ENIG-I); HOFFMANN D
  (HOFF-I); HOFMANN P (HOFM-I); LEBOCH S (LEBO-I); LUDWIG M (LUDW-I); NAGEL
  G (NAGE-I); PAZDA K (PAZD-I); ROTHE S (ROTH-I); SCHATTENBERG K (SCHA-I);
  STEFFENS C (STEF-I); STRAUB B (STRA-I); VON HASSELN H (VHAS-I)
Inventor: ENIGK H; HOFFMANN D; HOFMANN P; LEBOCH S; LUDWIG M; NAGEL G;
  PAZDA K; ROTHE S; SCHATTENBERG K; STEFFENS C; STRAUB B; VON HASSELN H;
  WOLF M
Number of Countries: 022 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200281251	A1	20021017	WO 2002EP1485	A	20020213	200275	B
DE 10117410	A1	20021107	DE 10117410	A	20010406	200281	
EP 1373006	A1	20040102	EP 2002716767	A	20020213	200409	
			WO 2002EP1485	A	20020213		
JP 2004524210	W	20040812	JP 2002579262	A	20020213	200453	
			WO 2002EP1485	A	20020213		
EP 1373006	B1	20040901	EP 2002716767	A	20020213	200457	
			WO 2002EP1485	A	20020213		
DE 50200934	G	20041007	DE 200934	A	20020213	200466	
			EP 2002716767	A	20020213		
			WO 2002EP1485	A	20020213		
DE 10117410	B4	20041118	DE 10117410	A	20010406	200475	
US 20050107925	A1	20050519	WO 2002EP1485	A	20020213	200534	
			US 2004474189	A	20041110		

Priority Applications (No Type Date): DE 10117410 A 20010406
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200281251	A1	G	34	B60K-037/00	

    Designated States (National): JP US
    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
    MC NL PT SE TR

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10117410	A1			B60R-016/02	
EP 1373006	A1	G		B60K-037/00	Based on patent WO 200281251

    Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
    LU MC NL PT SE TR

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004524210	W		49	B60K-035/00	Based on patent WO 200281251
EP 1373006	B1	G		B60K-037/00	Based on patent WO 200281251

    Designated States (Regional): DE FR GB

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 50200934	G			B60K-037/00	Based on patent EP 1373006
					Based on patent WO 200281251
DE 10117410	B4			B60R-016/02	
US 20050107925	A1			G06F-017/00	

Abstract (Basic): WO 200281251 A1
      NOVELTY - A motor vehicle dashboard includes a display unit (18), a
  selection device (6) to select options (O) and a display panel (19).
  Through a processing unit data (D) on information (I) on different
  motor vehicle controls/operations is shown on the display unit
  according to a profile and an option selected. E.g., an image (20)
  shows warnings and changes in a vehicle's conditions with data on
  'online help', 'keyword/topic search', 'explanation of control switch',
  etc.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
  device for the output of data on motor vehicle information for a user.

USE - For multimedia control/information systems in cars.

ADVANTAGE - Operating convenience is improved for the user and control/operational/traffic safety is raised.

DESCRIPTION OF DRAWING(S) - The drawing shows a top view of the present invention in operation. (Drawing includes non-English language text).

Selection device (6)

Display unit (18)

Display panel (19)

Image (20)

Data (D)

Information (I)

Select option (O)

pp; 34 DwgNo 3/6

Title Terms: METHOD; OUTPUT; DATA; MOTOR; VEHICLE; INFORMATION; USER; DISPLAY; INFORMATION; OPTION; USER; SELECT; CONTEXT; BASED; PROFILE; GENERATE; DATA

Derwent Class: Q13; Q17; T01; X22

International Patent Class (Main): B60K-035/00; B60K-037/00; B60R-016/02; **G06F-017/00**

International Patent Class (Additional): **G06F-003/14** ; **G06F-007/10**

File Segment: EPI; EngPI

014797892   **Image available**
WPI Acc No: 2002-618598/200266
XRPX Acc No: N02-489758
   **Cosmetics product dispensing device installed in night club, restaurant,
   has selection button to enable user to select desired cosmetics product
   displayed on display**
Patent Assignee: ROTHSCHILD J (ROTH-I)
Inventor: **ROTHSCHILD J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020095309	A1	20020718	US 2000251529	A	20001205	200266	B
			US 200110157	A	20011108		

Priority Applications (No Type Date): US 2000251529 P 20001205; US
   200110157 A 20011108
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020095309	A1		11	G06F-017/60	Provisional application US 2000251529

Abstract (Basic): US 20020095309 A1
      NOVELTY - The selection button (16) enables a user to select the
   desired cosmetics product to be dispensed, from a display (14). A
   delivery unit (22) delivers the selected cosmetics product to the user,
   based on the payment received from the user.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for
   cosmetics product dispensing method.
      USE - For dispensing cosmetics product such as lipstick, lip
   glosses, eyeliner pencils, powder puff, powder brush and health product
   to the persons in restaurants, office building, nightclub, airport,
   train station, health club.
      ADVANTAGE - The desired product which enhances user appearance, is
   selected automatically on receiving input data, without the assistance
   of a sales person.
      DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
   the cosmetics product dispensing device.
      Display (14)
      Selection button (16)
      Delivery unit (22)
      pp; 11 DwgNo 1/5
Title Terms: COSMETIC; PRODUCT; DISPENSE; DEVICE; INSTALLATION; NIGHT; CLUB
   ; RESTAURANT; SELECT; BUTTON; ENABLE; USER; SELECT; COSMETIC; PRODUCT;
   DISPLAY; DISPLAY
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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014701170   **Image available**
WPI Acc No: 2002-521874/200256
XRPX Acc No: N02-413000
   **Synchronizing at least one receiver module, especially for
   telecommunications network, involves receiver module selecting first or
   second clock signal depending on master/slave status**
Patent Assignee: ALCATEL (COGE   )
Inventor: BEISEL W; HOEHN J; **WOLF M** ; WOLF M J; HOHN J
Number of Countries: 027   Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1217771	A2	20020626	EP 2001440420	A	20011217	200256	B
DE 10064928	A1	20020704	DE 10064928	A	20001223	200256	
US 20020082790	A1	20020627	US 200124025	A	20011221	200256	
US 6816818	B2	20041109	US 200124025	A	20011221	200474	

Priority Applications (No Type Date): DE 10064928 A 20001223
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1217771	A2	G	12	H04J-003/06	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

DE 10064928	A1			H04L-007/04	
US 20020082790	A1			G06F-019/00	
US 6816818	B2			G06F-011/00	

Abstract (Basic): EP 1217771 A2
       NOVELTY - The method involves transmitting at least one first and
   second clock signal (TS1,TS2) to the receiver module (MOD1,MOD2) which
   selects at least one first or second clock signal as its master
   synchronization signal. Master-slave status information is transmitted
   with the first and/or second clock signal; the receiver module selects
   the first or second clock signal depending on the master/slave status
   information.
       DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
   following: a synchronizable receiver module, a clock generator module,
   a storage arrangement and a network device.
       USE - For synchronizing at least one receiver module, especially
   for telecommunications network or in a network device in a
   telecommunications network.
       ADVANTAGE - Enables precise synchronization of at least one
   receiver module.
       DESCRIPTION OF DRAWING(S) - The drawing shows a schematic
   representation of an arrangement for implementing the inventive method
       clock generator modules (GEN1, GEN2)
       clock signals (TS1,TS2)
       receiver modules (MOD1,MOD2)
       pp; 12 DwgNo 1/3
Title Terms: SYNCHRONISATION; ONE; RECEIVE; MODULE; TELECOMMUNICATION;
   NETWORK; RECEIVE; MODULE; SELECT; FIRST; SECOND; CLOCK; SIGNAL; DEPEND;
   MASTER; SLAVE; STATUS
Derwent Class: W01; W02
International Patent Class (Main): **G06F-011/00** ; **G06F-019/00** ;
   H04J-003/06; H04L-007/04
International Patent Class (Additional): G01R-035/00; **G06F-015/00** ;
   H04L-012/50; H04Q-011/04
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

014687460   **Image available**
WPI Acc No: 2002-508164/200254
XRPX Acc No: N02-402161
   **Method for first party to capture information from information source and
   to store it in container by providing options associated with success
   indicator to first party that comprises e.g. interacting with container**
Patent Assignee: NETSCAPE COMMUNICATIONS CORP (NETS-N)
Inventor: ESPINOZA T; LAVOY D; QUIGLEY B; SOBOTKA D; SUGARBAKER M; **WOLF M**
Number of Countries: 091 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200237365	A1	20020510	WO 2000US30099	A	20001031	200254	B
AU 200115798	A	20020515	WO 2000US30099	A	20001031	200258	
			AU 200115798	A	20001031		

Priority Applications (No Type Date): WO 2000US30099 A 20001031
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200237365	A1	E	51	G06F-017/60	

   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
   CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
   KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE
   SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200115798	A			G06F-017/60	Based on patent WO 200237365

Abstract (Basic): WO 200237365 A1
       NOVELTY - A tool for a party is provided to generate an insert
   associated with a capturable information and an information source.
   Upon insert interaction, a success indicator is provided to a first
   party, for indicating success in adding such information to a
   container. Options associated with success indicator are provided to
   the first party during interacting with the container.
       DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:
       (a) an apparatus for a first party to capture information from an
   information source and to store information in a container
       (b) a method for incorporating an adding actuating insert into a
   Web page
       (c) a method for allowing an end-user to add an entity to a storage
   container
       USE - For gathering information from e.g. a Web page, and storing
   it in an associated online container, such as, for example, an online
   calendar, for the convenience of an end-user.
       ADVANTAGE - Allows a user to automatically add content, such as an
   appointment, to a container, such as, a calendar with a single mouse
   click, and without directly accessing the container. When the user
   clicks on the entity on the banner, a copy of the entity is placed in
   the user's associated container, such as, for example, a shopping list,
   without the user having to click to the container's site.
       DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram from a
   user's perspective, according to the invention.
       pp; 51 DwgNo 1/4
Title Terms: METHOD; FIRST; PARTY; CAPTURE; INFORMATION; INFORMATION;
   SOURCE; STORAGE; CONTAINER; OPTION; ASSOCIATE; SUCCESS; INDICATE; FIRST;
   PARTY; COMPRISE; INTERACT; CONTAINER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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014404829   **Image available**
WPI Acc No: 2002-225532/200228
Related WPI Acc No: 2004-256586; 2005-073187
XRPX Acc No: N02-172954
  **Digital file registering method used in digital documents authentication
  system, involves sending automatically obtaining digital signature and
  time stamp of digital file on recognition of an operation on the file**
Patent Assignee: AUTHENTIDATE HOLDING CORP (AUTH-N); BOTTI J T (BOTT-I);
  THEMELIS N (THEM-I); WOLF M (WOLF-I)
Inventor: BOTTI J T; THEMELIS N; **WOLF M**
Number of Countries: 099 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010037454	A1	20011101	US 2000562735	A	20000501	200228	B
			US 2000729411	A	20001204		
WO 200262007	A1	20020808	WO 2001US44592	A	20011129	200262	
AU 2002248145	A1	20020812	AU 2002248145	A	20011129	200427	
EP 1410556	A1	20040421	EP 2001997021	A	20011129	200427	
			WO 2001US44592	A	20011129		

Priority Applications (No Type Date): US 2000729411 A 20001204; US
  2000562735 A 20000501
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
US 20010037454 A1	13	H04L-009/00	CIP of application US 2000562735
WO 200262007 A1 E		H04L-009/00	

  Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
  CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
  IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
  PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
  IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

| AU 2002248145 A1 | | H04L-009/00 | Based on patent WO 200262007 |
| EP 1410556 A1 E | | H04L-009/00 | Based on patent WO 200262007 |

  Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
  LU MC NL PT SE TR

Abstract (Basic): US 20010037454 A1
      NOVELTY - A digital signature of a digital file is obtained
  automatically without any user (901) intervention upon recognition of
  an operation on the file on a computer. A time stamp corresponding to
  the time of subdivision of the file is created in the computer. Then,
  the digital signature and time stamp are sent to a remote
  authentication server automatically.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  computer-readable medium with digital file registering program.
      USE - Used in digital documents/files authentication systems to
  create and verify the digital signature and time stamp of the digital
  file such as audio file storing music information, image file storing
  picture information or any executable file storing microprocessor
  instructions, etc., transmitted via computer networks.
      ADVANTAGE - Processing and storing of digital files and signatures
  is automatically performed without requiring the user to invoke special
  procedures or follow protocols. Security of the digital files is
  ensured by locally generating digital signature and time stamp for the
  digital file upon recognition of an operation on the file and sending
  them to remote authenticate server. Hence the burden on the user is
  eliminated to provide a digital signature of a file.
      DESCRIPTION OF DRAWING(S) - The figure shows a digital file
  authentication system in a computer network environment.
      User (901)

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       pp; 13 DwgNo 1/4
Title Terms: DIGITAL; FILE; REGISTER; METHOD; DIGITAL; DOCUMENT;
  AUTHENTICITY; SYSTEM; SEND; AUTOMATIC; OBTAIN; DIGITAL; SIGNATURE; TIME;
  STAMP; DIGITAL; FILE; RECOGNISE; OPERATE; FILE
Derwent Class: T01; W01
International Patent Class (Main): H04L-009/00
International Patent Class (Additional): G06F-017/30
File Segment: EPI
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DIALOG(R)File 350:Derwent WPIX
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014284363   **Image available**
WPI Acc No: 2002-105064/200214
Related WPI Acc No: 2000-302114
XRPX Acc No: N02-078102
  Client computer assigning method for computer based electronic game
  network system, involves selecting server satisfying minimum
  communication link quality criterion and linking client with that server
Patent Assignee: HEARME (HEAR-N)
Inventor: BLACK N R H; **ROTHSCHILD J J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6304902	B1	20011016	US 9744109	P	19970423	200214	B
			US 97915545	A	19970813		
			US 2000524516	A	20000313		

Priority Applications (No Type Date): US 9744109 P 19970423; US 97915545 A
  19970813; US 2000524516 A 20000313
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6304902	B1		13	G06F-013/00	Provisional application US 9744109
					Cont of application US 97915545
					Cont of patent US 6038599

Abstract (Basic): US 6304902 B1
      NOVELTY - Each server stores the address of all the other servers.
  One server is dedicated a matchmaking computer and it commands them to
  measure link quality among the servers and it records the results. When
  a client couples to the network the matchmaker short lists a number of
  candidate servers from its results, they each test their connection to
  the client and any server that meets requirement is connected.
      USE - Online multi-user distributed electronic applications such as
  multi-player games.
      ADVANTAGE - Effective and efficient way to ensure quality of data
  links are well adapted to digital electronic game playing.
      DESCRIPTION OF DRAWING(S) - The drawing shows and embodiment of the
  invention.
      pp; 13 DwgNo 4/5
Title Terms: CLIENT; COMPUTER; ASSIGN; METHOD; COMPUTER; BASED; ELECTRONIC;
  GAME; NETWORK; SYSTEM; SELECT; SERVE; SATISFY; MINIMUM; COMMUNICATE; LINK
  ; QUALITY; CRITERIA; LINK; CLIENT; SERVE
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

013949327
WPI Acc No: 2001-433541/200147
XRPX Acc No: N01-321228
  Monitoring maintenance-intensive replacement parts involves storing part
  specifying data, reading into evaluation unit at predefined times or at
  predetermined intervals using suitable reader
Patent Assignee: FILTERWERK MANN & HUMMEL GMBH (FILW); MANN & HUMMEL GMBH
  (FILW)
Inventor: OBERDORFER T; PLUECKER V; THALMANN C; **WOLF M** ; DWORATZEK K;
  ESCHER H; FRANZ A; PELZ A
Number of Countries: 023 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 10000435	A1	20010712	DE 10000435	A	20000110	200147	B
WO 200152185	A2	20010719	WO 2001EP233	A	20010110	200147	
EP 1246679	A2	20021009	EP 2001909599	A	20010110	200267	
			WO 2001EP233	A	20010110		
US 20030025598	A1	20030206	WO 2001EP233	A	20010110	200313	
			US 2002191757	A	20020710		
JP 2003519880	W	20030624	JP 2001552335	A	20010110	200341	
			WO 2001EP233	A	20010110		
US 6711524	B2	20040323	WO 2001EP233	A	20010110	200421	
			US 2002191757	A	20020710		
EP 1246679	B1	20051221	EP 2001909599	A	20010110	200604	
			WO 2001EP233	A	20010110		
DE 50108456	G	20060126	DE 108456	A	20010110	200613	
			EP 2001909599	A	20010110		
			WO 2001EP233	A	20010110		

Priority Applications (No Type Date): DE 10000435 A 20000110
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10000435	A1		4	G07C-011/00	
WO 200152185	A2	G		G06K-019/00	

  Designated States (National): BR JP US
  Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU
  MC NL PT SE TR

EP 1246679	A2	G		B01D-029/07	Based on patent WO 200152185

  Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
  LU MC NL PT SE TR

US 20030025598	A1			B60Q-001/00	Cont of application WO 2001EP233
JP 2003519880	W		18	G06F-017/60	Based on patent WO 200152185
US 6711524	B2			G06F-011/07	Cont of application WO 2001EP233
EP 1246679	B1	G		B01D-029/07	Based on patent WO 200152185

  Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
  LU MC NL PT SE TR

DE 50108456	G			B01D-029/01	Based on patent EP 1246679
					Based on patent WO 200152185

Abstract (Basic): DE 10000435 A1
      NOVELTY - The method involves placing data specifying the geometric
  design, physical characteristics and/or other specifying data of the
  part in and/or on the part in a suitable memory component and reading
  the data into an evaluation unit at predefined times or at
  predetermined intervals using a suitable reader. The data are compared
  with stored data in the evaluation unit and the result can be used to
  influence the functionality of the part and/or system.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following: an arrangement for implementing the method.
      USE - For monitoring maintenance-intensive replacement parts of a
  system.

ADVANTAGE - Enables simple monitoring of the proper functions.
          pp; 4 DwgNo 0/1
Title Terms: MONITOR; MAINTAIN; INTENSE; REPLACE; PART; STORAGE; PART;
  SPECIFIED; DATA; READ; EVALUATE; UNIT; PREDEFINED; TIME; PREDETERMINED;
  INTERVAL; SUIT; READ
Derwent Class: Q16; Q17; Q51; Q53; T01; T05
International Patent Class (Main): B01D-029/01; B01D-029/07; B60Q-001/00;
  G06F-011/07 ; **G06F-017/60** ; G06K-019/00; G07C-011/00
International Patent Class (Additional): B01D-046/00; B01D-046/42;
  B60S-005/00; F01M-011/10; F02M-035/024; **G06F-007/02** ; G06K-017/00;
  G08C-017/00; G08C-019/00
File Segment: EPI; EngPI

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

013869360   **Image available**
WPI Acc No: 2001-353572/200137
XRPX Acc No: N01-256724
  **Code transformation optimization method in computer, involves selecting
  an optimal set of loop interchange, register tiling and cache tiling
  characteristics**
Patent Assignee: SILICON GRAPHICS INC (SILI-N)
Inventor: MAYDAN D; **WOLF M**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6226790	B1	20010501	US 97808224	A	19970228	200137	B

Priority Applications (No Type Date): US 97808224 A 19970228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6226790	B1		9	G06F-009/445	

Abstract (Basic): US 6226790 B1
     NOVELTY - The method involves compiling the source code according
  to an optimal set of loop interchange, register tiling, and cache
  tiling characteristics
     DETAILED DESCRIPTION - The method involves constructing a model of
  a hardware design upon which the object code is to be run. The model is
  a function of loop interchange, register tiling, and cache tiling. An
  order by which loops within the object code are executed is changed. A
  block of object code is divided into a number of sub-blocks to minimize
  cache misses. One of the sub-block is divided into a number of smaller
  sub-blocks to minimize a number of load and store operation to minimize
  a number of different loop interchange, register tiling, and cache
  tiling characteristics. An estimated execution time is measured based
  on the model each time characteristic corresponding to loop
  interchange, register tiling or cache tiling is changed. An optical set
  of loop interchange register tiling, and cache tiling characteristics
  corresponding to fastest estimated execution time is selected to
  compile the source code. An INDEPENDENT CLAIM is also included for
  computer readable medium.
     USE - Used in computer system to optimize code transformation for
  attaining superior overall performance.
     ADVANTAGE - Provides method to determine optimal loop interchange,
  set of register tiling amount, and cache tiling size for compiling
  source code into object code.
     DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
  describing the steps for optimizing code.
     pp; 9 DwgNo 4/4
Title Terms: CODE; TRANSFORM; METHOD; COMPUTER; SELECT; OPTIMUM; SET; LOOP;
  INTERCHANGE; REGISTER; TILE; CACHE; TILE; CHARACTERISTIC
Derwent Class: T01
International Patent Class (Main): **G06F-009/445**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

013697092   **Image available**
WPI Acc No: 2001-181316/200118
XRPX Acc No: N01-129256
  **Networked computer online gaming system, runs servorun program which
  accept commands from master control program and causes execution of match
  maker program to support type or class of game sought by client program**
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: BLACK N R H; **GRIMM S M** ; KWIATOWSKI M P; **ROTHSCHILD J J** ;
  SAMUEL D J ; **WOLF M A** ; WONG C D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6152824	A	20001128	US 9740640	A	19970306	200118	B
			US 9836583	A	19980306		

Priority Applications (No Type Date): US 9740640 P 19970306; US 9836583 A
  19980306
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6152824	A		21	A63F-013/00	Provisional application US 9740640

Abstract (Basic): US 6152824 A
       NOVELTY - The network runs servorun program (SVP) that accepts
  commands to create servers from the master control program (MCP) causes
  match maker program (MMP) to start executing on server and to configure
  the MMP to support the type or class of game sought by client program.
  The game instances class server (GICS) program is created as result of
  commands sent to SVP from MCP.
       DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  online gaming process.
       USE - Network computer on-line gaming system for playing racing
  game.
       ADVANTAGE - Facilitates player matching and ensures that
  opportunities to cheat are minimized while increasing the opportunity
  to realize satisfying gaming entertainment. The MMP detects the end of
  the game for billing purposes and updates the MCP accordingly thereby
  secures efficient communications between the users and online gaming
  servers.
       DESCRIPTION OF DRAWING(S) - The figure shows block diagram of
  computer network system online gaming architecture.
       pp; 21 DwgNo 11/11
Title Terms: COMPUTER; GAME; SYSTEM; RUN; PROGRAM; ACCEPT; COMMAND; MASTER;
  CONTROL; PROGRAM; CAUSE; EXECUTE; MATCH; MAKER; PROGRAM; SUPPORT; TYPE;
  CLASS; GAME; CLIENT; PROGRAM
Derwent Class: P36; T01; W04
International Patent Class (Main): A63F-013/00
International Patent Class (Additional): A63F-009/24; **G06F-017/00** ;
  G06F-019/00
File Segment: EPI; EngPI

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

013294903   **Image available**
WPI Acc No: 2000-466838/200041
XRPX Acc No: N00-348433
   **Cursor control method for computer system has cursor movement velocity
   characteristics altered in dependence on distance from next graphic
   object on display screen**
Patent Assignee: ALCATEL (COGE)
Inventor: **WOLF M**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19858647	A1	20000629	DE 1058647	A	19981218	200041	B

Priority Applications (No Type Date): DE 1058647 A 19981218
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19858647	A1		6	G06F-003/037	

Abstract (Basic): DE 19858647 A1
     NOVELTY - The cursor control method uses a computer mouse (ZE) for
moving the cursor (PTR) across a display screen (MON) for selecting one
of a number of graphic objects (ICN1-ICN3), the movement velocity
characteristics of the cursor dependent on the distance of the cursor
from the next graphic object and the movement of the cursor only
adjusted when a second independent distance criteria is met.
     DETAILED DESCRIPTION - Also included are INDEPENDENT CLAIMS for the
following;
     (a) a graphically controlled device with a display monitor and a
computer mouse;
     (b) a computer mouse
     USE - The method is used for moving a cursor across a computer
monitor screen.
     ADVANTAGE - The method allows the ergonomics for movement of the
cursor to be improved for rapid and accurate positioning of the cursor.

     DESCRIPTION OF DRAWING(S) - The figure shows a schematic
representation of a computer system with a display monitor and a
computer mouse.
     Graphic objects (ICN1-ICN3)
     Display screen (MON)
     Cursor (PTR)
     Computer mouse (ZE)
     pp; 6 DwgNo 1/3
Title Terms: CURSOR; CONTROL; METHOD; COMPUTER; SYSTEM; CURSOR; MOVEMENT;
  VELOCITY; CHARACTERISTIC; ALTER; DEPEND; DISTANCE; GRAPHIC; OBJECT;
  DISPLAY; SCREEN
Derwent Class: T01; T04
International Patent Class (Main): **G06F-003/037**
International Patent Class (Additional): G06K-011/18
File Segment: EPI

10/5/15   (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

013130243   **Image available**
WPI Acc No: 2000-302114/200026
Related WPI Acc No: 2002-105064
XRPX Acc No: N00-225657
  **Client computer assigning method for computer based electronic game
  network system, involves selecting server satisfying minimum
  communication link quality criterion and linking client with that server**
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: BLACK N R H; **ROTHSCHILD J J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6038599	A	20000314	US 9744109	P	19970423	200026	B
			US 97915545	A	19970813		

Priority Applications (No Type Date): US 9744109 P 19970423; US 97915545 A
  19970813
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6038599	A		13	G06F-013/00	Provisional application US 9744109

Abstract (Basic): US 6038599 A
      NOVELTY - In response to request from client minimum communication
  link quality criterion required for using game, is determined. The
  server satisfying minimum communication link quality measurement from
  latency measurement, bandwidth measurement and error rate measurement
  is selected from group of servers. The data communication between
  selected server and client is established.
      DETAILED DESCRIPTION - The communication link quality measurement
  is performed among servers and servers are classified into groups,
  based on measurement. The representative servers are selected from the
  group and one server is selected from the group. Based on request from
  client, minimum communication link quality criterion is determined and
  server satisfying the criterion is selected. An INDEPENDENT CLAIM is
  also included for match maker server computer system.
      USE - For assigning client to server used in computer based
  electronic game network system, in Internet for advertising, commercial
  transaction. Also used in application programs such as word processor,
  simulation, electronic data processing (EDP).
      ADVANTAGE - An efficient and effective technique to ensure that the
  quality of data communication links are adequate, is provided.
      DESCRIPTION OF DRAWING(S) - The figure shows flow chart
  illustrating steps of latency server and match maker technique.
      pp; 13 DwgNo 4/5
Title Terms: CLIENT; COMPUTER; ASSIGN; METHOD; COMPUTER; BASED; ELECTRONIC;
  GAME; NETWORK; SYSTEM; SELECT; SERVE; SATISFY; MINIMUM; COMMUNICATE; LINK
  ; QUALITY; CRITERIA; LINK; CLIENT; SERVE·
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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013009859   **Image available**
WPI Acc No: 2000-181711/200016
XRPX Acc No: N00-134128
  Matching method for grouping e.g. network users, client computers, client software in computer networks
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: CLARK D P; **SAMUEL D J** ; **WOLF M A**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6023729	A	20000208	US 9744023	A	19970505	200016	B
			US 97876953	A	19970617		

Priority Applications (No Type Date): US 9744023 P 19970505; US 97876953 A 19970617
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6023729	A		25	G06F-015/16	Provisional application US 9744023

Abstract (Basic): US 6023729 A
     NOVELTY - Each client computer has a cooperating client application that exchanges information with a match maker application hosted by a host computer. After an attribute is selected and associated with one cooperating client application, a message is transmitted to the other client computer whose video display then exhibits a graphical image having a non-textual feature representing a value in the message.
     DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:
     (a) a method of allowing a user to navigate between client groups associated with a match maker application;
     (b) and a method for allowing a user to communicate values of attribute to another user via a match making application.
     USE - For grouping e.g. network users, client computers, client software in computer networks.
     ADVANTAGE - Provides a clear way to present to users network match making information to assist users in choosing an instance of a multi-user network application where multiple instances of such applications are simultaneously available, or to assist users in selecting other users to join with them in an on-line multi-user multiply-instanced OMM application. Provides a systematic way of organizing and presenting multiple offers, where such offers are offers to create an OMM instance, and to assist users in selecting an offer to accept.
     DESCRIPTION OF DRAWING(S) - The figure illustrates the match maker application identifying a match and creating a new client group and an associated data set representing the new client group.
     pp; 25 DwgNo 8/21
Title Terms: MATCH; METHOD; GROUP; NETWORK; USER; CLIENT; COMPUTER; CLIENT; SOFTWARE; COMPUTER; NETWORK
Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX

013001304   **Image available**
WPI Acc No: 2000-173156/200016
XRPX Acc No: N00-128895
  **Synchronization method, primary reference clock generator and network
  element for a synchronous digital message transfer network**
Patent Assignee: ALCATEL (COGE)
Inventor: **WOLF M**
Number of Countries: 026 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 975114	A2	20000126	EP 99440165	A	19990625	200016	B
DE 19832440	A1	20000120	DE 1032440	A	19980718	200016	
CA 2277612	A1	20000118	CA 2277612	A	19990716	200027	

Priority Applications (No Type Date): DE 1032440 A 19980718
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 975114	A2	G	13	H04J-003/06	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2277612	A1	E		H04L-007/04	
DE 19832440	A1			H04L-007/04	

Abstract (Basic): EP 975114 A2
       NOVELTY - Network elements (NE) are synchronized on a primary
   reference clock generator's reference clock. Two primary reference
   clocks (PRC) are used to improve network fail-safe protection. If no
   operation error occurs, a first reference clock signal (RCS), sent to
   the network elements, is used to synchronize. A second reference clock
   signal acts as a substitute signal to synchronize in the event of an
   error.
       DETAILED DESCRIPTION - One RCS is assigned to test both RCSs by
   using a preset bit sequence in the header range of message signals
   (STM-N) created with the reference clock signal or by admitting a
   reference clock signal with a phase modulation (PM1,PM2).
       USE - In sychronous digital hierarchies and synchronous optical
   networks.
       ADVANTAGE - This method ensures that networks fitted with several
   primary clock generators can be synchronized on a single reference
   clock.
       DESCRIPTION OF DRAWING(S) - The figure shows interplay between a
   primary clock generator and a network element.
       Networks elements (NE)
       Primary reference clocks (PRC)
       Message signals (STM-N)
       Phase modulations (PM1,PM2)
       pp; 13 DwgNo 2/8
Title Terms: METHOD; PRIMARY; REFERENCE; CLOCK; GENERATOR; NETWORK; ELEMENT
 ; SYNCHRONOUS; DIGITAL; MESSAGE; TRANSFER; NETWORK
Derwent Class: W01
International Patent Class (Main): H04J-003/06; H04L-007/04
International Patent Class (Additional): **G06F-001/12** ; H04B-001/74;
  H04L-005/22; H04L-012/50
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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012936365   **Image available**
WPI Acc No: 2000-108212/200010
XRPX Acc No: N00-083238
  Clock signal generator and synchronization process for use with data transfer networks
Patent Assignee: ALCATEL (COGE)
Inventor: **WOLF M**
Number of Countries: 027 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 973263	A2	20000119	EP 99440166	A	19990625	200010	B
DE 19830260	A1	20000113	DE 1030260	A	19980707	200010	
CA 2276815	A1	20000107	CA 2276815	A	19990705	200025	
US 6181175	B1	20010130	US 99340673	A	19990629	200108	
EP 973263	B1	20030924	EP 99440166	A	19990625	200363	
DE 59907087	G	20031030	DE 507087	A	19990625	200377	
			EP 99440166	A	19990625		

Priority Applications (No Type Date): DE 1030260 A 19980707
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
EP 973263	A2 G 6	H03L-007/085	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI

DE 19830260	A1	H03K-003/02	
CA 2276815	A1 E	H03K-005/13	
US 6181175	B1	H03L-007/00	
EP 973263	B1 G	H03L-007/085	

   Designated States (Regional): DE FI FR GB IT SE

DE 59907087	G	H03L-007/085	Based on patent EP 973263

Abstract (Basic): EP 973263 A2
     NOVELTY - A mechanism (WD) for detection of an acquisition window
is provided as well as a mechanism for deciding whether the correction
signal lies within the acquisition window. If this is the case,
compensation of the oscillator signal is arranged by using the
correction signal.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a
method for production of an input signal synchronized to the clock
signal.
     USE - For synchronization of the network elements for data transfer
using synchronous digital hierarchies or synchronous optical networks.
     ADVANTAGE - Phase transients are suppressed.
     DESCRIPTION OF DRAWING(S) - The figure shows a schematic block
diagram of a clock signal generator
     Input signal (IN)
     Clock signal (CLK)
     Phase comparator (PK)
     Oscillator (OSC)
     Window detection means (WD)
     pp; 6 DwgNo 1/3
Title Terms: CLOCK; SIGNAL; GENERATOR; SYNCHRONISATION; PROCESS; DATA;
  TRANSFER; NETWORK
Derwent Class: U22; U23
International Patent Class (Main): H03K-003/02; H03K-005/13; H03L-007/00;
  H03L-007/085
International Patent Class (Additional): **G06F-001/04** ; H03K-005/135;
  H04L-007/033
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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011982582
WPI Acc No: 1998-399492/199834
XRPX Acc No: N98-310775
  **Multi-homed computer network - in which multiple internetwork
  communication paths are provided for server computer for connection to
  client**
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: **GRIMM S M** ; KWIATKOWSKI M P
Number of Countries: 080 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9831125	A1	19980716	WO 97US23955	A	19971231	199834	B
AU 9858078	A	19980803	AU 9858078	A	19971231	199850	

Priority Applications (No Type Date): US 9734534 P 19970106
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9831125	A1	E	14	H04L-012/28	

    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR
    LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT UA UG UZ VN YU ZW
    Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE
    IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
AU 9858078   A   H04L-012/28   Based on patent WO 9831125

Abstract (Basic): WO 9831125 A
        The computer network includes server and client computers and a
    computer network. The server computer has multiple different addresses
    that identify the server computer. The communication network couples
    the server and client computers to enable communication between them.
    The communication network provides at least two communication paths
    between the server and client computers.
        USE - Providing multiple data communications routes between client
    and server computers.
        ADVANTAGE - Permits networked computers to communicate with other
    computers. Provides data-communication links between computers such
    that quality of game play is increased.
        Dwg.0/1
Title Terms: MULTI; HOME; COMPUTER; NETWORK; MULTIPLE; COMMUNICATE; PATH;
  SERVE; COMPUTER; CONNECT; CLIENT
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/28
International Patent Class (Additional): **G06F-015/16** ; H04L-012/46
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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011502489   **Image available**
WPI Acc No: 1997-480403/199744
XRPX Acc No: N97-400627
   **Network match maker for selecting clients based on system attributes -
   has match maker program with ability to receive requests from other
   computers and match request with attributes of client computers**
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N); LEAP WIRELESS INT INC
   (LEAP-N); HEARME (HEAR-N)
Inventor: **GRIMM S M ; ROTHSCHILD J J ; SAMUEL D J ; WOLF M A**
Number of Countries: 077 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9735258	A1	19970925	WO 97US4716	A	19970320	199744	B
AU 9723430	A	19971010	AU 9723430	A	19970320	199806	
US 5828843	A	19981027	US 9613812	P	19960321	199850	
			US 97822289	A	19970320		
US 5894556	A	19990413	US 9613812	P	19960321	199922	
			US 97822785	A	19970320		
EP 965084	A1	19991222	EP 97916187	A	19970320	200004	
			WO 97US4716	A	19970320		
JP 2000508097	W	20000627	JP 97533778	A	19970320	200036	
			WO 97US4716	A	19970320		
US 6128660	A	20001003	US 9613812	P	19960321	200050	
			US 97821279	A	19970320		
US 6345297	B1	20020205	US 9613812	P	19960321	200211	
			US 97821279	A	19970320		
			US 2000578683	A	20000526		
US 20020091833	A1	20020711	US 9613812	P	19960321	200248	
			US 97821279	A	19970320		
			US 2000578683	A	20000526		
			US 2001997194	A	20011129		

Priority Applications (No Type Date): US 9613812 P 19960321; US 97822289 A
   19970320; US 97822785 A 19970320; US 97821279 A 19970320; US 2000578683 A
   20000526; US 2001997194 A 20011129
Cited Patents: US 5187790; US 5329619; US 5341477; US 5367635; US 5442749;
   US 5600833
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9735258	A1	E	44	G06F-013/00	

   Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
   CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
   LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
   UZ VN YU
   Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
   KE LS LU MC MW NL OA PT SD SE SZ UG

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 9723430	A				Based on patent WO 9735258
US 5828843	A			G06F-016/16	Provisional application US 9613812
US 5894556	A			G06F-015/16	Provisional application US 9613812
EP 965084	A1	E			Based on patent WO 9735258

   Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI
   LT LU LV MC NL PT RO SE SI

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000508097	W		47	G06F-015/16	Based on patent WO 9735258
US 6128660	A			G06F-016/16	Provisional application US 9613812
US 6345297	B1			G06F-015/16	Provisional application US 9613812
					Cont of application US 97821279
					Cont of patent US 6128660
US 20020091833	A1			G06F-015/16	Provisional application US 9613812
					Cont of application US 97821279
					Cont of application US 2000578683

Abstract (Basic): WO 9735258 A
    The match-maker method involves creating matched sets of users on a
multi-user network application. Each user is associated with a client
program (CL1) of a client computer connected to the network. The
clients are selected into matched sets based on attributes of their
users, the clients, servers and communication links.
    The network match maker server program (MM) works with three
different forms of network applications consisting of peer to peer,
multiple clients to a single server and multiple clients to multiple
servers.
    USE/ADVANTAGE - For On-line chat environment. Provides automated
matching of users and allows them to select attributes of person that
they require to be matched with.
    Dwg.1/11
Title Terms: NETWORK; MATCH; MAKER; SELECT; CLIENT; BASED; SYSTEM;
  ATTRIBUTE; MATCH; MAKER; PROGRAM; ABILITY; RECEIVE; REQUEST; COMPUTER;
  MATCH; REQUEST; ATTRIBUTE; CLIENT; COMPUTER
Derwent Class: P36; T01; W01; W04
International Patent Class (Main): **G06F-013/00** ; **G06F-015/16** ;
  G06F-016/160
International Patent Class (Additional): A63F-013/00; H04L-012/56
File Segment: EPI; EngPI

DIALOG(R)File 350:Derwent WPIX

001883886
WPI Acc No: 1978-B3119A/ **197806**
  Electronic data processing system - has cache address buffer and priority
  network **for determining** match   condition **and priority of** users
  respectively
Patent Assignee: SPERRY RAND CORP (SPER)
Inventor: SCHEUNEMAN J H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4070706	A	19780124				197806	B

Priority Applications (No Type Date): US 76724681 A 19760920

Abstract (Basic): US 4070706 A
      The appts. comprises a data processing system. Cache memory system
  which incorporates a separate Cache memory or associative memory for
  each Roquestor, each of which Cache memories is comprised of an Address
  Buffer or Search memory, in which the associated Requesters' addresses
  are stored, and a Data Buffer or Associated memory, in which the data
  that are associated with each of the Requesters' address are stored.
      While the Priority Request signals from all of the requesting
  Requesters are being coupled to the single Priority Network, each of
  the requesting Requesters' addresses is coupled to each of the
  requesting Requesters' separately associated Cache memory. The Cache
  Address Buffer performs Match determination.
Title Terms: ELECTRONIC; DATA; PROCESS; SYSTEM; CACHE; ADDRESS; BUFFER;
  PRIORITY; NETWORK; DETERMINE; MATCH; CONDITION; PRIORITY; USER;
  RESPECTIVE
Derwent Class: T01
International Patent Class (Additional): **G06F-009/18**
File Segment: EPI

014289950   **Image available**
WPI Acc No: 2002-110651/200215
Related WPI Acc No: 1993-276895; 2002-110650; 2002-110652; 2002-110653
XRPX Acc No: N02-082637
  E-mail information management device for computer   network , compares
  the assigned attribute **information and ID number, to retrieve**
  corresponding e-mail information
Patent Assignee: FUJI XEROX CO LTD (XERF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001350697	A	20011221	JP 924116	A	19920113	200215	B
			JP 2001117047	A	19920113		

Priority Applications (No Type Date): JP 924116 A 19920113; JP 2001117047 A
  19920113
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001350697	A		16	G06F-013/00	Div ex application JP 924116

Abstract (Basic): JP 2001350697 A
      NOVELTY - A memory stores various e-mail information along with
  identification (ID) number of each user. A processor (100) assigns
  attribute information for recognizing access state of each e-mail. The
  attribute information and ID number are matched to retrieve specific
  e-mail and is output through an output unit (80).
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  e-mail information management method.
      USE - For managing e-mail information in computer network.
      ADVANTAGE - Ensures effective management of e-mail by recognizing
  the access status correctly.
      DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of
  e-mail information management device. (Drawing includes non-English
  language text).
      Output unit (80)
      Processor (100)
      pp; 16 DwgNo 1/8
Title Terms: MAIL; INFORMATION; MANAGEMENT; DEVICE; COMPUTER; NETWORK;
  COMPARE; ASSIGN; ATTRIBUTE; INFORMATION; ID; NUMBER; RETRIEVAL;
  CORRESPOND; MAIL; INFORMATION
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

011700466   **Image available**
WPI Acc No: 1998-117376/199811
XRPX Acc No: N98-094288
  Communication control procedure dynamic modification system for online
  information processing - performs loading of control program which
  controls selected communication control procedure from terminal
  management table, on telecommunication controller
Patent Assignee: NEC CORP (NIDE   )
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10004440	A	19980106	JP 96175738	A	19960614	199811	B

Priority Applications (No Type Date): JP 96175738 A 19960614
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10004440	A		8	H04L-029/06	

Abstract (Basic): JP 10004440 A
     The system includes a program unit which performs online
information processing within a **terminal** (21-2n). A **terminal**
management table (9) controls the communication control procedure used
by the **terminal** and **matches** the subscriber number of the **terminal**
using a public circuit **network** (3). A service **condition** management
table which controls service **condition** of some circuits between the
network and a host **computer** (1), is provided in a communication
management unit (8).
     A telecommunication controller (51-5m) notifies the subscriber
number of the terminal to the communication management unit, as a
receiving call indication. The communication management unit selects
the communication control procedure corresponding to the indicated
subscriber number from the terminal management table. Then, loading of
the communication procedure control program (7) which controls the
selected control procedure is performed on the telecommunication
controller.
     ADVANTAGE - Enables effective utilization of circuit connected to
host.
     Dwg.1/5
Title Terms: COMMUNICATE; CONTROL; PROCEDURE; DYNAMIC; MODIFIED; SYSTEM;
  INFORMATION; PROCESS; PERFORMANCE; LOAD; CONTROL; PROGRAM; CONTROL;
  SELECT; COMMUNICATE; CONTROL; PROCEDURE; TERMINAL; MANAGEMENT; TABLE;
  TELECOMMUNICATION; CONTROL
Derwent Class: T01; W01
International Patent Class (Main): H04L-029/06
International Patent Class (Additional): **G06F-013/00** ; H04M-011/00
File Segment: EPI

011518212   **Image available**
WPI Acc No: 1997-494698/199746
XRPX Acc No: N97-411862
  **Electronic information transfer method for electronic information service
  system using Internet - involves transferring electronic information
  described by transfer mail condition list, from mail server to client,
  together with server mail preserving list published by mail server
  according to request from client**
Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9231146	A	19970905	JP 9633722	A	19960221	199746	B
JP 3505309	B2	20040308	JP 9633722	A	19960221	200418	

Priority Applications (No Type Date): JP 9633722 A 19960221
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9231146	A		12	G06F-013/00	
JP 3505309	B2		12	G06F-013/00	Previous Publ. patent JP 9231146

Abstract (Basic): JP 9231146 A
        The method involves publishing list request from client (2) which
    demands acquisition of a server mail preserving list (13), by a mail
    server (1). An electronic information described by a transfer mail
    condition list (32) and coincides on transfer conditions is selected
    within the electronic information currently stored in the mail server.
        The electronic information is selected within the mail server
    according to the published list request from the client. The selected
    electronic information is then transferred in the client from the mail
    server, together with the server mail preserving list.
        ADVANTAGE - Transfers electronic information, e.g. electronic mail,
    electronic news, from server to **client** , by simultaneously
    transmitting electronic information which **matches** with designated
    transfer   conditions . Reduces frequency of **communication** between
    client and server.
        Dwg.1/8
Title Terms: ELECTRONIC; INFORMATION; TRANSFER; METHOD; ELECTRONIC;
  INFORMATION; SERVICE; SYSTEM; TRANSFER; ELECTRONIC; INFORMATION; DESCRIBE
  ; TRANSFER; MAIL; CONDITION; LIST; MAIL; SERVE; CLIENT; SERVE; MAIL;
  PRESERVE; LIST; MAIL; SERVE; ACCORD; REQUEST; CLIENT
Derwent Class: T01; W01
International Patent Class (Main): **G06F-013/00**
International Patent Class (Additional): **G06F-012/00** ; H04L-012/54;
  H04L-012/58
File Segment: EPI

04480321   **Image available**
INFORMATION TRANSMITTING SYSTEM

PUB. NO.:   06-124221 [JP 6124221 A]
PUBLISHED: May 06, 1994 (**19940506)**
INVENTOR(s):   AMADA HIROYUKI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
               Company or Corporation), JP (Japan)
APPL. NO.:   04-273126 [JP 92273126]
FILED: October 12, 1992 (19921012)
INTL CLASS: [5] **G06F-012/00** ; **G06F-012/00**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1781, Vol. 18, No. 417, Pg. 64,
               August 04, 1994 (19940804)

ABSTRACT
PURPOSE: To reduce the burden of a data base and its utilizing system in
the information transmitting system which transmits the information
generated in this system to the utilizing system through the data base.

CONSTITUTION: When information updating is present in the data base 2, a
transmitting   condition   holding   means   5 holds this conditions for
transmittring   it to the utilizing system 9 and the **transmitting
condition** coincidence decision means 6 **compares** the contents with the
 transmitting   conditions held by the tranmitting **condition** holding
means 5 and in the case of coincidence, transmits that effect to the
utilizing system 9, issues the retreival request of the updated information
to a data base management system 3 thereafter, receives a retreived result
from the data base management system 3 and transmits it to the utilizing
system 9.

```
Set     Items    Description
S1    3835345    NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
                 OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
                 OR TRANSPORT OR TRANSPORTING
S2    2314184    PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
                 DITION? ? OR PARAMETER? ?
S3     990868    MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4    5174110    CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
                 ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
                 TERMINAL? ? OR WORKSTATION? ?
S5    3781626    QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR S-
                 EEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
                 OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCAT-
                 OR? ? OR OBTAIN?? OR OBTAINING OR RETRIEVE? ? OR RETRIEVING OR
                 RETRIEVAL O
S6     371118    PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
                 LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
                 ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
                 A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S7     443182    NETWORK? OR PEER()TO()PEER OR P2P OR MULTICOMPUTER OR MULT-
                 I()COMPUTER
S8       3725    S3 (10N) S4 (10N) S7
S9      58980    S1 (5N) S2
S10       908    S5 (10N) S4 (10N) S9
S11        87    S10 AND AY=1963:1996
S12        38    S11 AND IC=G06F
S13        38    IDPAT (sorted in duplicate/non-duplicate order)
S14        38    IDPAT (primary/non-duplicate records only)
S15       146    S10 AND PY=1976:1996
S16       130    S15 NOT S14
S17        28    S16 AND IC=G06F
S18        28    IDPAT (sorted in duplicate/non-duplicate order)
S19        28    IDPAT (primary/non-duplicate records only)
S20       944    S3 (10N) S6 (10N) S4
S21       438    S20 AND PY=1976:1996
S22        70    S21 AND IC=G06F
S23        70    IDPAT (sorted in duplicate/non-duplicate order)
S24        68    IDPAT (primary/non-duplicate records only)
S25       203    S20 AND S7
S26        49    S25 AND PY=1976:1996
S27        16    S26 AND IC=G06F
S28        16    IDPAT (sorted in duplicate/non-duplicate order)
S29        16    IDPAT (primary/non-duplicate records only)
S30        43    S25 AND AY=1963:1996
S31        12    S30 AND IC=G06F
S32        12    IDPAT (sorted in duplicate/non-duplicate order)
S33        12    IDPAT (primary/non-duplicate records only)
S34         2    S33 NOT S29
File 347:JAPIO Nov 1976-2005/Nov(Updated 060302)
         (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200615
         (c) 2006  Thomson Derwent
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013203518 **Image available**
WPI Acc No: 2000-375391/200032
Related WPI Acc No: 1999-394068
XRPX Acc No: N00-281949
  Configuration parameter value access system for computer system, performs access operation in accord with parameter identified by an identifier provided in access request
Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
Inventor: CARNEY M W; LAUTMAN M U; PITTORE W F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6061693	A	20000509	US 95554557	A	19951106	200032	B
			US 99286688	A	19990405		

Priority Applications (No Type Date): US 95554557 A 19951106; US 99286688 A
  19990405
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6061693	A		22	G06F-017/30	Div ex application US 95554557
					Div ex patent US 5913218

Abstract (Basic): US 6061693 A
      NOVELTY - A file identifier generator generates a file identifier
  for the filename provided in the confirmation parameter access request.
  A configuration parameter access module performs access operation in
  accord with parameter identified by a parameter identifier provided in
  the access request in the file identified by the file identifier.
      DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
  configuration parameter access method.
      USE - For **retrieving** configuration **parameter** values for
  application programs in **networked** digital **computer** system.
      ADVANTAGE - Enables effectively accessing the parameter values.
      DESCRIPTION OF DRAWING(S) - The figure shows functional block
  diagram depicting data structure in configuration parameter value
  retrieval and updating system.
      pp; 22 DwgNo 2/7
Title Terms: CONFIGURATION; PARAMETER; VALUE; ACCESS; SYSTEM; COMPUTER;
  SYSTEM; PERFORMANCE; ACCESS; OPERATE; ACCORD; PARAMETER; IDENTIFY;
  IDENTIFY; ACCESS; REQUEST
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

14/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012596866   **Image available**
WPI Acc No: 1999-402972/199934
XRPX Acc No: N00-440370
  **Multicast routing apparatus for data communication network, has multicast
  routing processor to search cost optimized multicast route with respect
  to multicast routing request, by node interface control processor**
Patent Assignee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N); KOREA
  TELECOM CORP (KOTE-N); KOREA ELECTRONICS & TELECOM RES (KOEL-N); KOREA
  TELECOM (KOTE-N); ELECTRONICS & TELECOM RES INST (ELTE-N)
Inventor: GO B; KIM B; YANG S; KIM B T; KOH B D; YANG S H
Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 98037020	A	19980805	KR 9655702	A	19961120	199934	B
US 6088333	A	20000711	US 97971118	A	19971114	200057	
KR 194608	B1	19990615	KR 9655702	A	19961120	200059	

Priority Applications (No Type Date): KR 9655702 A 19961120
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 98037020	A			H04L-012/56	
US 6088333	A		14	H04L-012/46	
KR 194608	B1			H04L-012/56	

Abstract (Basic): US 6088333 A
        NOVELTY - A **node** processor disposed on each of destination **nodes**
   for receiving information of source **node** , service type and **routing**
   constraint **conditions** , transmits multicast **routing** request through
   network manager processor to multicast routing processor. A multicast
   routing processor **searches** the cost optimized multicast route
   corresponding to the multicast routing request from associated
   subscriber.
        DETAILED DESCRIPTION - The node interface control processor is
   interfaced between destination and source nodes and network manager
   processor. The network manager processor initializes configuration and
   status data of network, for generating initialization data. The network
   model processor creates network model for multicast routing based on
   configuration characteristic of network source and status data. An
   INDEPENDENT CLAIM is also included for multicast routing method.
        USE - For use in data communication network such as private or
   public asynchronous transfer mode networks.
        ADVANTAGE - Assigns common link with respect to multiple
   destination nodes, thereby improving link use efficiency. Maximizes
   overlapping effects of path between multiple destination, thereby
   minimizing number of links and switches used in multicast
   communication.
        DESCRIPTION OF DRAWING(S) - The figure shows the schematic block
   diagram of multicast routing apparatus.
        pp; 14 DwgNo 2/6
Title Terms: ROUTE; APPARATUS; DATA; COMMUNICATE; NETWORK; ROUTE; PROCESSOR
 ; SEARCH; COST; ROUTE; RESPECT; ROUTE; REQUEST; NODE; INTERFACE; CONTROL;
  PROCESSOR
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/46; H04L-012/56
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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011935627   **Image available**
WPI Acc No: 1998-352537/199831
XRPX Acc No: N98-275663
  Advertisement information transmission system using personal computer connected in internet, large scale LAN - displays information read out by read out unit in response to attribute matched by searching unit, to corresponding user
Patent Assignee: IMAMURA S (IMAM-I)
Number of Countries: 001   Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10134080	A	19980522	JP 96305522	A	19961101	199831	B

Priority Applications (No Type Date): JP 96305522 A 19961101
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10134080	A		9	G06F-017/30	

Abstract (Basic): JP 10134080 A
     The system includes a pair of user profile registration unit that registers user's taste attribute and dislike attribute (1a,1b) respectively. A user profile memory (2) stores the registered user profiles. A pair of information transmission profile registration unit (3a,3b) registers the information and attribute classification index. An information transmission profile memory (4) stores the information transmission profiles. A searching unit (5) matches each attribute in attribute classification index with each attribute of the user profile which are stored in respective memory units.
     A pair of read out units (6a,6b) reads out the contents in the information **transmission** profile which has **attribute** classification index matched by the **searching** unit either from the information transmission profile memory or **user** profile memory. A **user** is corresponded in response to user profile matched by the search unit and the information presentation unit (7a,7b) displays the read out information.
     USE - In wireless communication and radio broadcasting.
     ADVANTAGE - Facilitates information transmission within short time. Facilitates display of lot of information to many users and unspecified users.
     Dwg.1/6
Title Terms: ADVERTISE; INFORMATION; TRANSMISSION; SYSTEM; PERSON; COMPUTER
 ; CONNECT; SCALE; LAN; DISPLAY; INFORMATION; READ; READ; UNIT; RESPOND;
  ATTRIBUTE; MATCH; SEARCH; UNIT; CORRESPOND; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
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011470960   **Image available**
WPI Acc No: 1997-448867/199741
Related WPI Acc No: 1997-393866; 1997-448866
XRPX Acc No: N97-374026
  **Communication system for distributing such message as advertisement to
  user of terminal equipment** - retrieves **message from message**
  transmitting   condition **database using characteristics of** user **read
  from** user **database, and transmits message to** user   terminal **if** user
  is active
Patent Assignee: AIM CORP (AIMA-N); CHEIL COMMUNICATIONS INC (CHEI-N); AIM
  KK (AIMA-N); INTER Q KK (INTE-N); HYPER NET INC (HYPE-N); NETZERO INC
  (NETZ-N)
Inventor: FUJITA N; ITAKURA Y; TSUTSUI Y
Number of Countries: 072 Number of Patents: 013
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9732258	A1	19970904	WO 97JP564	A	19970226	199741	B
AU 9722305	A	19970916	AU 9722305	A	19970226	199803	
JP 9530791	X	19990427	JP 97530791	A	19970226	199927	
			WO 97JP564	A	19970226		
EP 955589	A1	19991110	EP 97905408	A	19970226	199952	
			WO 97JP564	A	19970226		
JP 2000148801	A	20000530	JP 97530791	A	19970226	200033	N
			JP 99358196	A	19970226		
KR 99081849	A	19991115	WO 97JP564	A	19970226	200052	
			KR 98705560	A	19980721		
JP 2001014352	A	20010119	JP 97530791	A	19970226	200107	
			JP 2000126710	A	19970226		
JP 2002014998	A	20020118	JP 97530791	A	19970226	200211	
			JP 2001116694	A	19970226		
JP 2002041566	A	20020208	JP 97530791	A	19970226	200215	
			JP 2001116652	A	19970226		
US 6351745	B1	20020226	US 9622171	P	19960715	200220	
			US 9623577	P	19960819		
			US 97795397	A	19970204		
			WO 97JP564	A	19970226		
			US 98125894	A	19980827		
KR 304836	B	20011122	WO 97JP564	A	19970226	200244	
			KR 98705560	A	19980721		
JP 3479627	B2	20031215	JP 97530791	A	19970226	200405	
			JP 2000126710	A	19970226		
US 20040049519	A1	20040311	US 9622171	P	19960715	200419	
			US 9623577	P	19960819		
			US 97795397	A	19970204		
			WO 97JP564	A	19970226		
			US 98125894	A	19980827		
			US 2001977169	A	20011011		

Priority Applications (No Type Date): US 97795397 A 19970204; JP 9667278 A
  19960228; JP 96139689 A 19960510; US 9622171 P 19960715; US 9623577 P
  19960819; JP 99358196 A 19970226
Cited Patents: 3.Jnl.Ref; AU 7293393; CA 2132719; DE 3751518; EP 275328; EP
  638186; EP 732660; EP 734556; JP 7507169; JP 8055167; JP 8087489; JP
  8115367; JP 8256142; JP 9083678; JP 9091215; JP 9114781; JP 9500470; JP
  63037726; US 4905080; US 5305195; WO 8811117; WO 9319427; WO 9516971
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9732258	A1	J	91	G06F-015/00	

    Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE
    DK EE ES FI GB GE HU IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN

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MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
KE LS LU MC MW NL OA PT SD SE SZ UG
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AU	9722305	A			Based on patent WO 9732258
JP	9530791	X			Based on patent WO 9732258
EP	955589	A1 E			Based on patent WO 9732258

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Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
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JP	2000148801 A		43	G06F-017/30	Div ex application JP 97530791
KR	99081849	A		G06F-015/00	Based on patent WO 9732258
JP	2001014352 A		35	G06F-017/30	Div ex application JP 97530791
JP	2002014998 A		37	G06F-017/30	Div ex application JP 97530791
JP	2002041566 A		35	G06F-017/30	Div ex application JP 97530791
US	6351745	B1		G06F-017/30	Provisional application US 9622171
					Provisional application US 9623577
					Cont of application US 97795397
					Based on patent WO 9732258
KR	304836	B		G06F-015/00	Previous Publ. patent KR 99081849
					Based on patent WO 9732258
JP	3479627	B2	36	G06F-017/30	Div ex application JP 97530791
					Previous Publ. patent JP 2001014352
US	20040049519 A1			G06F-007/00	Provisional application US 9622171

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                                        Provisional application US 9623577
                                        CIP of application US 97795397
                                        Cont of application WO 97JP564
                                        Cont of application US 98125894
                                        Cont of patent US 6351745
```

Abstract (Basic): WO 9732258 A
    The information providing system which provides users with suitable
information is provided with terminals connected to a communication
network, a user database for storing the characteristics of each **user**
of a **terminal** , a message database for storing messages transmitted to
the **users** , and a message **transmitting condition** database for
storing the characteristics of **users** to whom messages are to be
transmitted. A message **retrieving** device **retrieves** a message from
the message **transmitting condition** database by using the
characteristics of a **user** read from the **user** database.
    A further device reads out the retrieved message from the message
database, and a transmitting device transmits the read messages to the
terminal of the user. A device increases a parameter correlated with
each user when a transmitted message is displayed on the terminal of
the user. A detector detects whether the user is active or not, and a
stopping device stops the increase of the parameter when the user is
inactive.
    Dwg.1/37

Title Terms: COMMUNICATE; SYSTEM; DISTRIBUTE; MESSAGE; ADVERTISE; USER;
  TERMINAL; EQUIPMENT; RETRIEVAL; MESSAGE; MESSAGE; TRANSMIT; CONDITION;
  DATABASE; CHARACTERISTIC; USER; READ; USER; DATABASE; TRANSMIT; MESSAGE;
  USER; TERMINAL; USER; ACTIVE
Derwent Class: P85; T01; W01
International Patent Class (Main): **G06F-007/00 ; G06F-015/00 ;
  G06F-017/30**
International Patent Class (Additional): **G06F-003/00 ; G06F-012/00 ;
  G06F-013/00 ; G06F-017/60** ; G06F-019/00 ; H04L-012/54; H04L-012/58
File Segment: EPI; EngPI

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

011470959 **Image available**
WPI Acc No: 1997-448866/199741
Related WPI Acc No: 1997-393866; 1997-448867
XRPX Acc No: N97-374025
  Internet communication system providing tailored output for user -
  includes provision and retrieval devices supplying information on WWW to
  user terminal and receiving user terminal information in return
Patent Assignee: AIM CORP (AIMA-N); AIM KK (AIMA-N); INTER Q KK (INTE-N);
  HYPER NET INC (HYPE-N); CHEIL COMMUNICATIONS INC (CHEI-N); NETZERO INC
  (NETZ-N)
Inventor: FUJITA N; ITAKURA Y; TSUTSUI Y
Number of Countries: 072 Number of Patents: 018
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9732257	A1	19970904	WO 97JP563	A	19970226	199741	B
AU 9718116	A	19970916	AU 9718116	A	19970226	199803	
EP 887743	A1	19981230	EP 97903613	A	19970226	199905	
			WO 97JP563	A	19970226		
JP 9530790	X	19990427	JP 97530790	A	19970226	199927	
			WO 97JP563	A	19970226		
JP 2000148802	A	20000530	JP 97530790	A	19970226	200033	N
			JP 99360037	A	19970226		
KR 99081848	A	19991115	WO 97JP563	A	19970226	200052	
			KR 98705559	A	19980721		
US 6157946	A	20001205	WO 97JP563	A	19970226	200066	
			US 98125833	A	19980826		
JP 2001016571	A	20010119	JP 97530790	A	19970226	200107	
			JP 2000126705	A	19970226		
JP 2001351016	A	20011221	JP 97530790	A	19970226	200206	
			JP 2001116815	A	19970226		
JP 2002007243	A	20020111	JP 97530790	A	19970226	200208	
			JP 2001116783	A	19970226		
JP 2002007338	A	20020111	JP 97530790	A	19970226	200208	
			JP 2001116720	A	19970226		
JP 2002007817	A	20020111	JP 97530790	A	19970226	200208	
			JP 2001116741	A	19970226		
KR 304835	B	20011122	WO 97JP563	A	19970226	200244	
			KR 98705559	A	19980721		
JP 3502357	B2	20040302	JP 97530790	A	19970226	200416	
			JP 2001116741	A	19970226		
JP 3502358	B2	20040302	JP 97530790	A	19970226	200416	
			JP 2001116815	A	19970226		
JP 3602021	B2	20041215	JP 97530790	A	19970226	200482	N
			JP 99360037	A	19991217		
JP 3602033	B2	20041215	JP 97530790	A	19970226	200482	
			JP 2000126705	A	20000426		
JP 3602066	B2	20041215	JP 97530790	A	19970226	200482	
			JP 2001116720	A	20010416		

Priority Applications (No Type Date): US 97800714 A 19970214; JP 9667278 A
  19960228; JP 96139689 A 19960510; JP 99360037 A 19970226
Cited Patents: AU 7293393; CA 2132719; EP 638186; EP 732660; EP 734556; JP
  4216157; JP 5233656; JP 7507169; JP 8087489; JP 8256142; JP 9083678; JP
  9114781; JP 991215; JP 63299453; US 5305195; WO 9319427; WO 9516971
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9732257	A1	J	81	G06F-015/00	

    Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE
    DK EE ES FI GB GE HU IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN
    MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
    Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT

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     KE LS LU MC MW NL OA PT SD SE SZ UG
AU 9718116    A                      Based on patent WO 9732257
EP 887743     A1 E                   Based on patent WO 9732257
    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
    MC NL PT SE
JP 9530790    X                      Based on patent WO 9732257
JP 2000148802 A      40 G06F-017/30  Div ex application JP 97530790
KR 99081848   A         G06F-015/00  Based on patent WO 9732257
US 6157946    A         G06F-015/16  Based on patent WO 9732257
JP 2001016571 A      33 H04N-007/173 Div ex application JP 97530790
JP 2001351016 A      34 G06F-017/60  Div ex application JP 97530790
JP 2002007243 A      34 G06F-013/00  Div ex application JP 97530790
JP 2002007338 A      33 G06F-015/00  Div ex application JP 97530790
JP 2002007817 A      33 G06F-017/60  Div ex application JP 97530790
KR 304835     B         G06F-015/00  Previous Publ. patent KR 99081848
                                     Based on patent WO 9732257
JP 3502357    B2     34 G06F-017/60  Div ex application JP 97530790
                                     Previous Publ. patent JP 2002007817
JP 3502358    B2     34 G06F-017/60  Div ex application JP 97530790
                                     Previous Publ. patent JP 2001351016
JP 3602021    B2     39 G06F-017/30  Div ex application JP 97530790
                                     Previous Publ. patent JP 2000148802
JP 3602033    B2     39 G06F-017/30  Div ex application JP 97530790
                                     Previous Publ. patent JP 2001016571
JP 3602066    B2     40 G06F-017/30  Div ex application JP 97530790
                                     Previous Publ. patent JP 2002007338
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Abstract (Basic): WO 9732257 A
    The system includes an information providing device and a retrieval
device which continuously provide a user with a message even when the
user accesses various sites over the world-wide web. The information
provision device transfers a first picture of the world-wide web to a
terminal from the web by connecting a first logic line to the
communication line between the terminal and provision device.
    Identification information is transmitted to the **retrieving**
device which receives identification information identifying the **user**
of the **terminal** and stores the characteristics of the **user** and the
transmitting condition of the message by connecting the **retrieving**
device to the providing device using a second communication line. Then
the providing device reads out the message from a message database
based on the message designating information retried by the retrieving
device and transmits the message to the terminal by connecting a second
logic line to the communication line.
    ADVANTAGE – Provides only information required by user in format
chosen by user.
    Dwg.1/30
Title Terms: COMMUNICATE; SYSTEM; TAILORED; OUTPUT; USER; PROVISION;
  RETRIEVAL; DEVICE; SUPPLY; INFORMATION; USER; TERMINAL; RECEIVE; USER;
  TERMINAL; INFORMATION; RETURN
Derwent Class: P85; T01; W01
International Patent Class (Main): **G06F-013/00** ; **G06F-015/00** ;
  G06F-015/16 ; **G06F-017/30** ; **G06F-017/60** ; H04N-007/173
International Patent Class (Additional): **G06F-003/00** ; **G06F-019/00** ;
  H04N-005/76
File Segment: EPI; EngPI

011444052   **Image available**
WPI Acc No: 1997-421959/199739
XRPX Acc No: N97-351451
  **Build-up support method of expert system - by performing network display
  using** network **display unit to alter display** attribute **of** link
  between searched **and selected** nodes
Patent Assignee: MEIDENSHA CORP (MEID)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 9190352   A   19970722 JP 961127   A   19960109 199739 B

Priority Applications (No Type Date): JP 961127 A 19960109
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9190352   A   3

Abstract (Basic): JP 9190352 A
      The method entails storing a production rule in a rule base and
  using a lied algorithm for the cognitive execution cycle of a reasoning
  engine. A display unit exhibits a lied network having an existing rule
  group on a display screen when producing or altering the rule stored in
  the rule base.
      A **search** unit **searches** for a specific **node** when another **node**
   on the exhibited network is selected. A network display unit performs
  network display to alter the display **attribute** of the **link** between
  the **nodes** .
      ADVANTAGE - Ensures and facilitates production and modification of
  rule.
      Dwg.1/3
Title Terms: BUILD-UP; SUPPORT; METHOD; EXPERT; SYSTEM; PERFORMANCE;
  NETWORK; DISPLAY; NETWORK; DISPLAY; UNIT; ALTER; DISPLAY; ATTRIBUTE; LINK
  ; SEARCH; SELECT; NODE
Derwent Class: T01
International Patent Class (Main): **G06F-009/44**
File Segment: EPI

011301077   **Image available**
WPI Acc No: 1997-278982/199725
XRPX Acc No: N97-231257
  **Facsimile machine in LAN - performs communication control of data based
  on transmitting demand**
Patent Assignee: CANON KK (CANO)
Inventor: KONDO M; MATSUEDA K; MATSUMOTO K; SARUWATARI M; SHOJI F; YAMAMURO
  S
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9102857	A	19970415	JP 95257773	A	19951004	199725	B
US 5949978	A	19990907	US 96723521	A	19960930	199943	

Priority Applications (No Type Date): JP 95257773 A 19951004
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9102857	A		10	H04N-001/32	
US 5949978	A			G06F-015/16	

Abstract (Basic): JP 9102857 A
      The machine is connected to LAN (126). When a data is transmitted
  to a partner communication apparatus which is also connected to LAN, a
  transmitting demand from a terminal equipment connected to LAN is
  received.
      The **communication   parameter** about a partner **communication**
  apparatus is asked to the **terminal** equipment which is predetermined.
  Based on the transmitting demand, a communication control of the data
  is **obtained** on the basis of the **communication   parameter** by the
  inquiry.
      ADVANTAGE - Performs transmitting control in proper size.
      Dwg.1/5
Title Terms: FACSIMILE; MACHINE; LAN; PERFORMANCE; COMMUNICATE; CONTROL;
  DATA; BASED; TRANSMIT; DEMAND
Derwent Class: W01; W02
International Patent Class (Main): **G06F-015/16** ; H04N-001/32
International Patent Class (Additional): H04L-012/28; H04L-012/54;
  H04L-012/58; H04N-001/00
File Segment: EPI

010502358   **Image available**
WPI Acc No: 1995-403680/199551
XRPX Acc No: N95-292313
   **Computer based system for controlling movement of at least one material
   along identified product path within mfg process - analyses transport
   matrix to determine optimal route based upon user inputs, e.g. most
   rapid, least expensive, or most reliable form of transport, for
   transporting material between selected work-stations**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: FLINN D R; LASZCZ J F; WITHERS D H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5467285	A	19951114	US 91802997	A	19911205	199551	B
			US 94299171	A	19940830		

Priority Applications (No Type Date): US 91802997 A 19911205; US 94299171 A
   19940830
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5467285	A		9	G06F-017/00	Cont of application US 91802997

Abstract (Basic): US 5467285 A
       The system creates a transport matrix having multiple rows and
   columns, each associated with a **workstation** within a **computer** based
   manufacturing system. At each cell within the matrix **located** at an
   intersection of a selected row and column, the **attributes** for all
   possible methods of **transport** between the associated **workstations**
   are listed. Preferably transport attributes, such as transport type,
   velocity/distance, travel time, capacity, authorization required,
   fragility, cost and current status of the transport system are listed
   within the cell and may thereafter be dynamically updated.
       After identifying a selected product path an analysis of the
   transport matrix may be utilized to determine an optimal route based
   upon user inputs, such as the most rapid, least expensive, or most
   reliable form of transport, for transporting material between selected
   - workstations.
       ADVANTAGE - Suitable for automatic processing.
       Dwg.3/7
Title Terms: COMPUTER; BASED; SYSTEM; CONTROL; MOVEMENT; ONE; MATERIAL;
   IDENTIFY; PRODUCT; PATH; MANUFACTURE; PROCESS; ANALYSE; TRANSPORT; MATRIX
   ; DETERMINE; OPTIMUM; ROUTE; BASED; USER; INPUT; RAPID; EXPENSE;
   RELIABILITY; FORM; TRANSPORT; TRANSPORT; MATERIAL; SELECT; WORK; STATION
Derwent Class: T01
International Patent Class (Main): **G06F-017/00**
File Segment: EPI

010218406   **Image available**
WPI Acc No: 1995-119660/199516
XRPX Acc No: N95-094154
  **Communication protocol analysis apparatus for computer - uses host
  computer and computer at terminal side and generates transmission control
  matrix based on analysis acquired data and checked communication sequence**
Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 7044476	A	19950214	JP 93192277	A	19930803	199516	B

Priority Applications (No Type Date): JP 93192277 A 19930803
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7044476	A		8	G06F-013/00	

Abstract (Basic): JP 7044476 A
      The communication protocol analysis appts. uses a data acquisition
system (16) to acquire communication data from two computers (10, 12)
from a commonly-connected circuit (14). A communication data analyser
(18) is used to analyses the acquired data with a normal fundamental
communication   condition and **communication** sequence of one
computer . This **computer   obtains**
      fundamental communication conditions by a computer connection (20).
An abnormal type rate circuit (22) checks the abnormal system of
communication sequence of this computer. A transmission control matrix
generator (24) generates a transmission control matrix for this
computer.
      ADVANTAGE - Provides automatic analysis. Shortens development term
of program counter to communicate with unknown computer. Reduces
development cost.
      Dwg.1/5
Title Terms: COMMUNICATE; PROTOCOL; ANALYSE; APPARATUS; COMPUTER; HOST;
  COMPUTER; COMPUTER; TERMINAL; SIDE; GENERATE; TRANSMISSION; CONTROL;
  MATRIX; BASED; ANALYSE; ACQUIRE; DATA; CHECK; COMMUNICATE; SEQUENCE
Derwent Class: T01; W01
International Patent Class (Main): **G06F-013/00**
International Patent Class (Additional): H04L-029/06
File Segment: EPI

007820553
WPI Acc No: 1989-085665/198911
XRPX Acc No: N89-065372
   Session control in network for digital data processing system - has
   protocol tower identifying object name along with communications
   parameters and address information
Patent Assignee: NIPPON DIGITAL EQUIP KK (DIGI)
Inventor: HARPER J; HARVEY G A; HAWE W; KONING G; LAUCK A; MILES K; ORAN D;
   HARVEY A G
Number of Countries: 007 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8902129	A	19890309	WO 88US3031	A	19880901	198911	B
EP 329779	A	19890830				198935	
JP 1502861	W	19890928	JP 88507752	A	19880901	198945	
US 5136716	A	19920804	US 8794306	A	19870904	199234	
			US 90492381	A	19900308		
EP 329779	B1	19921209	EP 88908586	A	19880901	199250	
			WO 88US3031	A	19880901		
DE 3876617	G	19930121	DE 3876617	A	19880901	199304	
			EP 88908586	A	19880901		
			WO 88US3031	A	19880901		
CA 1312144	C	19921229	CA 576417	A	19880902	199306	

Priority Applications (No Type Date): US 8794306 A 19870904; US 90492381 A
   19900308
Cited Patents: 4.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8902129	A	E	13		

   Designated States (National): JP
   Designated States (Regional): DE FR GB

EP 329779	A	E			

   Designated States (Regional): DE FR GB

US 5136716	A		8	G06F-003/00	Cont of application US 8794306
EP 329779	B1	E	11	G06F-015/16	Based on patent WO 8902129

   Designated States (Regional): DE FR GB NL

DE 3876617	G			G06F-015/16	Based on patent EP 329779
					Based on patent WO 8902129
CA 1312144	C			G06F-015/16	

Abstract (Basic): WO 8902129 A
      The distributed digital data processing system includes nodes which
   communicate over a network. A node which maintains one or more objects,
   each of which may be a file, that is, an addressable unit in the
   system, such as a program database, text file, or the like or a
   directory which may contain one or more files or other directories. One
   node maintains a naming serive which associates each object in the
   system with one or more protocol towers.
      Each protocol tower identifies the object name and a series of
   entries each identifying a name for each of the protocol layers, along
   with the communications parameters and address information.
      When a node requires access to an object maintained by an another
   node, if first retrieves from the naming service the protocol towers
   for the object. The node also maintains a tower identifying the names
   of each of the protocols over which it can communicate. The **node** then
   compares the protocol names in the **retrieved** protocol towers with the
   protocol names over which is can communicate. If the protocol names
   match the **node** uses the **communications parameters** and address

information in furture future communications with the object. If the **node** is unable to identify a **retrieved** protocol tower which matches its supported tower or towers, it is unable to communicate with the object.
     1/3
Title Terms: SESSION; CONTROL; NETWORK; DIGITAL; DATA; PROCESS; SYSTEM; PROTOCOL; TOWER; IDENTIFY; OBJECT; NAME; COMMUNICATE; PARAMETER; ADDRESS; INFORMATION   .
Derwent Class: T01
International Patent Class (Main): **G06F-003/00** ; **G06F-015/16**
International Patent Class (Additional): **G06F-013/38** ; H04L-013/00
File Segment: EPI

19/5/6   (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO
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04848673   **Image available**
COMMUNICATION PERFORMANCE ADJUSTMENT PROCESSOR

PUB. NO.:   07-141273 [JP 7141273 A]
PUBLISHED: June 02, 1995 (**19950602)**
INVENTOR(s):   KAGEYAMA HIROYASU
                NAKANO KENICHI
                NAKAMOTO TOYOAKI
APPLICANT(s):   FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   05-287122 [JP 93287122]
FILED: November 17, 1993 (19931117)
INTL CLASS: [6] **G06F-013/00** ; H04L-029/08
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3
                (COMMUNICATION -- Telegraphy)

ABSTRACT
PURPOSE: To provide a communication performance adjustment processor which
observe a   **communication**   state of respective   **parameter**   values and
determines   parameter   values   for   **obtaining**   an optimum value of
communication performance by automatically varying the   **communication**
 control **parameters** as to **communication** control over a **computer** .

CONSTITUTION: A communication processing part 10 sends and receives data to
and from an opposite device 17 through a communication line 2, and a
specification acceptance part 11 accepts measurement specification, and a
parameter variation part 12 sets different parameters in order for specific
parameters among communication control parameters 18 according to the
specification, and a communication observation part 13 requests the
communication processing part 10 to perform a specific communication
control process by the respective set parameter values, observes a
communication by the requested communication control process, and samples
measured values showing specific states by the respective parameter values.
Then, an optimum parameter determination part 14 compares the sampled
specific values with one another to determine parameter values which make
measured values meet specific optimum conditions

19/5/10   (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
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04594618   **Image available**
OPERATION MANUAL EDITOR

PUB. NO.:   06-266518 [JP 6266518 A]
PUBLISHED: September 22, 1994 (**19940922)**
INVENTOR(s):   NASHIMOTO CHUZO
               TANAKA TAKESHI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   05-055243 [JP 9355243]
FILED: March 16, 1993 (19930316)
INTL CLASS: [5] **G06F-003/14 ;   G06F-003/14 ;   G06F-003/14 ;   G06F-003/02**

JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 44.7
               (COMMUNICATION -- Facsimile)
JAPIO KEYWORD:R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)
JOURNAL: Section: P, Section No. 1847, Vol. 18, No. 676, Pg. 29,
               December 20, 1994 (19941220)

ABSTRACT

PURPOSE: To unify troublesome operations into a simple service request
opera tion by rewriting a guidance program with a program which can be
operated and displayed in a communication terminal and building this
guidance program in the communication terminal.

CONSTITUTION: Attribute information of the operation display part of a
communication **terminal** which desires building-in of the guidance program
is reported to this facsimile mail device from this communication **terminal**
. Then, a **communication** control part 13 analyzes **attribute** information
reported from the **communication terminal** and collates analyzed
attribute information with attribute information in a **terminal**
attribute storage part 25. When attribute information coinciding with
analyzed attribute information is **found** by collation, an editing control
part 23 rewrites the guidance program with the program which can be
operated and displayed in the communication terminal. Further, the
communication control part 13 reads out a command stored in a terminal
control program storage part 27 as a building-in processing part and starts
the control program of the communication terminal by this command to build
the rewritten guidance program in the communication terminal.

19/5/11   (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

04505749   **Image available**
HYPERMEDIUM LINK SYSTEM

ABSTRACT
PURPOSE: To provide a hypermedium link system capable of sufficiently
expressing various relation among mutual information.
CONSTITUTION: An area expressed by a position AS1 to AE1 in a text included
in a file A is allowed to correspond to an area expressed by a position BS1
to BE1 in a text included in a file B based upon the relation of
'reference'. Link collections 207, 219 are respectively arranged on the
sides of the files A, B and properties 213, 225 are allowed to correspond
to   respective   collections   207,   219.   Information   indication   the
corresponding areas is stored in the **properties** 213, 225. A **link   node**
 231 having an **attribute** 'reference' is linked with both the link
connections. Since plural link connections are arranged, the required
number of links can be **obtained** from one file. In addition, an **attribute**
 can be applied to each **link** and various relation can simply be expressed
together with information to be set up in properties.

19/5/14   (Item 14 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

04244254   **Image available**
NETWORK INFORMATION RETRIEVAL SYSTEM

PUB. NO.:   05-235954 [JP 5235954 A]
PUBLISHED: September 10, 1993 (**19930910)**
INVENTOR(s):   MUTO KATSUE
               TANAKA MINORU
               FUKUDA HIROSHI
               HANAKI ATSUSHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
               (Japan)
               NEC TELECOM SYST LTD [491633] (A Japanese Company or
               Corporation), JP (Japan)
APPL. NO.:   04-036711 [JP 9236711]
FILED: February 24, 1992 (19920224)
INTL CLASS: [5] H04L-012/28; **G06F-012/00**
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION
               PROCESSING -- Memory Units)
JOURNAL: Section: E, Section No. 1479, Vol. 17, No. 691, Pg. 155,
               December 17, 1993 (19931217)
                              ABSTRACT

PURPOSE: To shorten the processing time by **transmitting** a **retrieval**
 condition together with an information request from a center to all
 nodes and allowing only a **node** having the information coincident with
the **retrieval** condition to reply the center, thereby rationalizing the
 node information collection method.

CONSTITUTION: When fault information of a level A is retrieved among fault
information sets provided to, e.g. each node, a request message with a
condition of 'level A only' added as a retrieval condition S to a fault
information request (r) is sent to all nodes 1-4. Each node executes the
method (retrieval) corresponding to the fault information request (r) under
the condition of 'level A only'. In order to return a reply to a node whose
retrieval condition is matched, only the node 1 returns information i(1) in
this event and the result is acquired by a center. Thus, it is not required
to collect the information of all nodes to the center on each occasion and
undesired information is not sent to the center

03952072   **Image available**
VIRTUAL STRUCTURE RETRIEVAL SYSTEM IN HYPER TEXT SYSTEM

PUB. NO.:   04-317172 [JP 4317172 A]
PUBLISHED: November 09, 1992 (**19921109**)
INVENTOR(s):   OKUMA OSAMU
APPLICANT(s):   FUJI XEROX CO LTD [359761] (A Japanese Company or
                Corporation), JP (Japan)
APPL. NO.:   03-084178 [JP 9184178]
FILED: April 16, 1991 (19910416)
INTL CLASS: [5] **G06F-015/40**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1508, Vol. 17, No. 147, Pg. 40, March
                24, 1993 (19930324)

ABSTRACT

PURPOSE: To shorten the retrieval time of a virtual structure link and to
efficiently execute retrieval.

CONSTITUTION: When a **node** is updated, a retrieval **node** is checked and
it is updated. When a retrieval condition is altered, the **node** **retrieved**
 by the condition is linked. Namely, the **retrieval** **node** is checked when
the new **node** is added. The **link** is generated when the **retrieval**
 condition agrees. The **retrieval** **node** is checked when data on the
existed **node** is altered and the link is updated by adjusting it to the
 retrieval condition. When the **node** is eliminated, the **link** is
eliminated. When the **retrieval** **condition** of the **retrieval** **node** is
altered, the link is updated in accordance with a **retrieval** result. Thus,
subsequent wasteful **retrieval** is eliminated with such a processing and
the virtual structure of efficient retrieval can be realized.

03753682   **Image available**
RADIOGRAPH READER

PUB. NO.:   04-118782 [JP 4118782 A]
PUBLISHED: April 20, 1992 (**19920420)**
INVENTOR(s):   NAGATA TAKESHI
                TANAKA HIROSHI
                HISHINUMA KAZUHIRO
APPLICANT(s):   FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or
                Corporation), JP (Japan)
APPL. NO.:   02-239470 [JP 90239470]
FILED: September 10, 1990 (19900910)
INTL CLASS: [5] **G06F-015/62** ; A61B-006/00; G03B-042/02; **G06F-015/64** ;
                H04N-005/30; H04N-007/18
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 28.2
                (SANITATION -- Medical); 29.1 (PRECISION INSTRUMENTS --
                Photography & Cinematography); 44.6 (COMMUNICATION --
                Television)
JAPIO KEYWORD:R002 (LASERS); R115 (X-RAY APPLICATIONS)
JOURNAL: Section: P, Section No. 1401, Vol. 16, No. 377, Pg. 12,
                August 12, 1992 (19920812)
                            ABSTRACT

PURPOSE: To improve probability to perform regular reading and/or image
processing   correctly   by   providing   a   neural   network   setting
correct/incorrect information inputted from an input means as a teacher
signal.

CONSTITUTION: Algorithm to   **find**   a reading condition suitable for each
photographic   **condition** , respectively, and the neural **network** different
from respective   **condition**   to decide the correctness/incorrectness of the
reading condition are stored in a **computer** system 20. When the completion
of adjustment for the density and contrast of a visible image is inputted
from a keyboard 43, a corresponding neural network is readout, and the
(learning) of the network is performed by setting a pre-read image signal
Sp thinned uniformly extending over the entire plane of an X-ray image to
reduce the number of input points and the reading condition automatically
obtained as input signals, and the correct/incorrect information of the
reading condition obtained by the adjustment of a visible image by an
operator as the teach signal. In such a way, it is possible to decide the
correctness/incorrectness of the reading condition correctly.

03737742   **Image available**
RADIATION IMAGE READER

PUB. NO.:   04-102842 [JP 4102842 A]
PUBLISHED: April 03, 1992 (**19920403)**
INVENTOR(s):   TANAKA HIROSHI
                 HISHINUMA KAZUHIRO
                 NAGATA TAKESHI
APPLICANT(s):   FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or
                 Corporation), JP (Japan)
APPL. NO.:   02-220491 [JP 90220491]
FILED: August 22, 1990 (19900822)
INTL CLASS: [5] G03B-042/02; A61B-006/00; **G06F-015/62** ; **G06F-015/64**
JAPIO CLASS: 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography);
                 28.2 (SANITATION -- Medical); 45.4 (INFORMATION PROCESSING --
                 Computer Applications)
JAPIO KEYWORD:R002 (LASERS)
JOURNAL: Section: P, Section No. 1391, Vol. 16, No. 341, Pg. 54, July
                 23, 1992 (19920723)

ABSTRACT
PURPOSE: To make a device good for using for **user** while it is being used
by executing the reeducation of neural **network** for **finding** a reading
 condition   , etc., by taking the reading condition, etc., inputted from a
condition inputting means as an instructing signal.

CONSTITUTION: When a preliminary read image signal Sp is inputted in the
neural network 45 in a computer system, the reader condition (sensitivity
Sk and latitude Gp) is found. And a deciding means 46 decides whether the
sensitiv ity Sk and the latitude Gp meet a specified condition or not, and
when they meet it, the preliminary read image signal Sp is outputted as it
is through a switch 47a. When they don't meet it, the switches 47a and 47b
are switched, the preliminary read image signal Sp, the sensitivity Sk and
the latitude Gp are inputted in the condition inputting means 48, a normal
red image signal is imitated, and a visual image is displayed. Next, an
accurate reading condition (Sk', Gp') is set by adjusting the density and
the contrast of the visual image by an operator, and a normal reading is
executed, and the learning of the neural network 45 is executed

03503748   **Image available**
DATA TRANSFER SYSTEM

PUB. NO.:   03-166648 [JP 3166648 A]
PUBLISHED: July 18, 1991 (**19910718)**
INVENTOR(s):   KAWATE HIROSHI
                ATOU HIROKAZU
                NAKAMURA CHOJU
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese
                Company or Corporation), JP (Japan)
APPL. NO.:   01-304898 [JP 89304898]
FILED: November 27, 1989 (19891127)
INTL CLASS: [5] **G06F-015/40**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1264, Vol. 15, No. 410, Pg. 144,
                October 18, 1991 (19911018)

ABSTRACT

PURPOSE: To select an appropriate data transfer system corresponding to a
condition and to allow a user to feel a high speed response by deciding a
transfer condition.

CONSTITUTION: A **transfer   condition** deciding part 10 decides an
instructed **transfer   condition** simultaneously at the time when a **user**
 gives an instruction of a data base **retrieval** , and selects a data
transfer system. A retrieving part 11 retrieves a data base 14, and selects
the data transfer system in accordance with a result of decision of the
transfer condition deciding part 10. In the case the result of decision of
the transfer condition deciding part 10 is a multiple system or a mixed
existence system, a storage part 12 accumulates temporarily a result of
retrieval, reads it out again by an instruction of the retrieving part 11
and brings it to data transfer. A retrieval data transfer part 13 transfers
the result of retrieval accumulated in the storage part 12 to a terminal.
In such a way, an appropriate data transfer system can be selected, and it
is possible to allow a user to feel a high speed response.

03407163   **Image available**
JOB NETWORK SYSTEM

PUB. NO.:   03-070063 [JP 3070063 A]
PUBLISHED: March 26, 1991 (**19910326)**
INVENTOR(s):   OIKE SEIICHI
APPLICANT(s):   NEC CORP [000423] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:   01-207605 [JP 89207605]
FILED: August 09, 1989 (19890809)
INTL CLASS: [5] **G06F-015/16 ; G06F-013/00**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2
                 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1214, Vol. 15, No. 230, Pg. 146, June
                 12, 1991 (19910612)

                              ABSTRACT
PURPOSE: To improve operability by automatically updating the network
configuration information of system generation information according to the
load condition of a job transfer line and the capacity of each line,
selecting   a job network transfer route so that loads can not be
concentrated in the specified job transfer line, and executing job
transfer.

CONSTITUTION: A job transfer line load condition monitoring means 1, system
generating and updating information preparing means 2 and system generation
information updating means 3 are provided. The data transfer amount,
 transfer frequency and other load **condition** of the line, which connects
respective **computers** , are monitored and based on the **obtained** load
condition of each line and the line capacity information in each line, job
network transfer route selection information are updated so that the load
can be made uniform for each line. Then, system generating and updating
information are prepared and the system generation information are updated.
Thus, the job network system generation information are updated
corresponding to the current load condition of the line an the line
capacity and the job network transfer route is automatically changed. Then,
the job transfer line can be effectively utilized.

03066045   **Image available**
 TERMINAL   ATTRIBUTE   RETRIEVING SYSTEM FOR **NETWORK** DEFINITION

PUB. NO.:   02-041545 [JP 2041545 A]
PUBLISHED: February 09, 1990 (**19900209)**
INVENTOR(s):   HAYASHIDA NOBUKO
APPLICANT(s):   NEC CORP [000423] (A Japanese Company or Corporation), JP
                (Japan)
APPL. NO.:   63-193122 [JP 88193122]
FILED: August 01, 1988 (19880801)
INTL CLASS: [5] **G06F-013/00**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1041, Vol. 14, No. 201, Pg. 26, April
                24, 1990 (19900424)

ABSTRACT
PURPOSE: To eliminate a need of reference to network definition language
manuals, manuals related to terminals, or the like even at the time of
designating a terminal type name as the terminal type by providing a
terminal attribute table.
CONSTITUTION: A user designates a source file 2 on a system, where a
network definition statement requiring correction of the terminal type is
registered, from the terminal equipment of an input means 1 and uses a
reading-in means 3 to read the source file 2 into a virtual storage area
and designates the type name of the terminal type to be corrected or the
normal terminal type by a changing means 4. Since the terminal type
designated by the changing means 4 has information shown in the figure in a
terminal attribute table 6 referred by a retrieving means 5, the type name
and the type number of the terminal can be designated. The retrieving means
5 takes out a parameter group or an address corresponding to the designated
terminal type from the terminal attribute table 6 and uses a register means
7 to register it in the source file 2. Thus, it is unnecessary to refer to
network definition language manuals, manuals related to terminals, or the
like.

01996359   **Image available**
COMMUNICATION AND TERMINAL CONDITION DISPLAY SYSTEM

PUB. NO.:   61-210459 [JP 61210459 A]
PUBLISHED: September 18, 1986 (**19860918)**
INVENTOR(s):   HIRAYAMA KAZUNARI
                 TAKEDA TAKANOBU
APPLICANT(s):   NEC CORP [000423] (A Japanese Company or Corporation), JP
                 (Japan)
APPL. NO.:   60-051965 [JP 8551965]
FILED: March 15, 1985 (19850315)
INTL CLASS: [4] **G06F-013/00** ; H04L-011/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3
                 (COMMUNICATION -- Telegraphy)
JOURNAL: Section: P, Section No. 544, Vol. 11, No. 40, Pg. 132,
                 February 05, 1987 (19870205)

ABSTRACT
PURPOSE: To constantly know a communication condition and a terminal
condition by a side of a junction computer and a general terminal unit and
treat a difficulty by displaying the communication and the terminal
conditions by the junction computer and the general terminal unit.

CONSTITUTION: When carrying out an inquiry of a communication condition
from a console CRT/KB of a junction **computer** DP1 and the like, an inquiry
means in a processor DPU operates, and a **condition** of a **communication**
 passage and a **terminal** unit is **retrieved** , edited and displayed. When
the inquiry of a request for displaying the **communication   condition** is
done from the console CRT/KB of the respective **terminal** units TM to the
 computer DP1 and the like, the computer DP1 retrieves a system table
information by the retrieval, editing and display means and transmits to
the respective terminal units TM. The respective terminal units TM edits
and displays the received information on an image plane of the console. By
such a function providing, during a failure being generated, a demarcation
of a cause is easily done by the junction computer and the terminal sides
and a treatment for the failure can be smoothly performed.

010915468   **Image available**
WPI Acc No: 1996-412419/ **199641**
XRPX Acc No: N96-347204
   Data processing and transmission method for telecommunications network
   consisting of host computer and intelligent terminals - transmitting data
   representing user interface data object in on-line mode to intelligent
   terminal for use in off-line mode to obtain transitory and modified
   interface data, where the transitory data does not require interaction
   with host
Patent Assignee: US WEST ADVANCED TECHNOLOGIES INC (USWA-N)
Inventor: ALEXANDER J H; GREENLEE R L; SMITHRUD G M; YOUNG E A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5553223	A	19960903	US 90503735	A	19900403	199641	B
			US 9373973	A	19930608		

Priority Applications (No Type Date): US 90503735 A 19900403; US 9373973 A
   19930608
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5553223	A		14	G06F-015/17	Cont of application US 90503735

Abstract (Basic): US 5553223 A
     The data processing and transmission method is applicable to a host
computer and intelligent terminal **network** which is connected in an
on-line mode for data transmission and in an off-line mode when no data
is transmitted. The method involves transmitting data corresponding to
user interface objects between the host computer and an intelligent
terminal. If it is determined that one of the user interface objects is
not stored at an intelligent terminal, interface data is generated by
the host computer and transmitted to the terminal. The interface data
represents the interface object, providing full user interface
facilities.
     The interface data is modified at an intelligent terminal with user
manipulated commands and actions in the off-line mode to obtain
transitory interface data and modified interface data. The transitory
data represents user manipulations not requiring intervention from the
host computer while the modified data represents user manipulations
which alter the user interface and therefore require intervention. The
modified interface data is filtered from the transitory interface data
in real time using gating commands so that the modified interface data
only is transmitted to the host computer when it first occurs.
     ADVANTAGE - Increases responsiveness of **terminals** . Avoids
echoplexing problems while still using narrow **bandwidth**
telecommunications. Minimises transmission of redundant messages by
using **matched** host and **user** interfaces. Increases density of
commands per unit time to maximise efficiency of host computer.
     Dwg.2/8
Title Terms: DATA; PROCESS; TRANSMISSION; METHOD; TELECOMMUNICATION;
   NETWORK ; CONSIST; HOST; COMPUTER; INTELLIGENCE; TERMINAL; TRANSMIT; DATA
   ; REPRESENT; USER; INTERFACE; DATA; OBJECT; LINE; MODE; INTELLIGENCE;
   TERMINAL; LINE; MODE; OBTAIN; TRANSITORY; MODIFIED; INTERFACE; DATA;
   TRANSITORY; DATA; REQUIRE; INTERACT; HOST
Derwent Class: T01; W01
International Patent Class (Main): **G06F-015/17**
File Segment: EPI

05383776   **Image available**
NETWORK SYSTEM AND PRINTING PROCESSING METHOD FOR **NETWORK** SYSTEM

PUB. NO.:   08-339276 [JP 8339276 A]
PUBLISHED: December 24, 1996 (**19961224)**
INVENTOR(s):   SAITO RYUICHIRO
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
               (Japan)
APPL. NO.:   07-144571 [JP 95144571]
FILED: June 12, 1995 (19950612)
INTL CLASS: [6] **G06F-003/12** ;   **G06F-013/00** ;   **G06F-015/16**
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.2
               (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION
               PROCESSING -- Computer Applications)

                              ABSTRACT
PURPOSE: To efficiently perform a printing processing utilizing the maximum
data throughput of computer resources on a **network** .

CONSTITUTION: The acquisition request of the data throughput of a server
computer 13 is issued from respective client computers 11 and 12 from first
printer drivers PD-1 and PD-2, the second printer driver PD-3 of the server
computer 13 acquires the data throughput of the server computer 13
corresponding to the acquisition request and informs the respective **client**
   computers   11 and 12 and the first printer drivers PD-1 and PD-2
 compares   the informed data **throughput** of the server **computer** 13 with
the data **throughput** of the respective **client**   **computers** 11 and 12 and
decide a printer driver destination to be used.

015562748   **Image available**
WPI Acc No: 2003-624904/200359
Related WPI Acc No: 2002-146539; 2002-391463
XRPX Acc No: N03-497160
  Multimedia data reception method using Internet, involves selecting
  multimedia multicast group having enhancement data layer matching
  changed target bandwidth **of** client   computer
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: CHADDHA N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6564262	B1	20030513	US 96714447	A	19960916	200359	B
			US 99418139	A	19991014		

Priority Applications (No Type Date): US 99418139 A 19991014; US 96714447 A
  19960916
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6564262	B1		22	G06F-015/16	CIP of application US 96714447

Abstract (Basic): US 6564262 B1
     NOVELTY - The method involves transmitting two multimedia multicast
groups (MMGs) to **client** from server. The group having base layer and
enhancement data layer **matching** the target **bandwidth** of the
computer , is selected. The group having an enhancement data layer
matching the changed target **bandwidth** of the **computer** is selected,
when detecting the change in the **bandwidth** of the **computer** . The
selected groups are concurrently joined.
     DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
computer readable medium storing multimedia data receiving program.
     USE - For receiving multimedia data stream at client computer from
server, over computer **network** such as local area **network** (LAN),
wide area **network** (WAN) such as Internet.
     ADVANTAGE - Enables to provide scalable multimedia data adaptively
to a broad range of client computers based on the needs of the client
computers and utilize valuable **network** resources efficiently.
     DESCRIPTION OF DRAWING(S) - The figure shows a flowchart
illustrating the adaptive processing of multimedia stream transmitted
through multiple multicast groups from the server to the client
computers.
     pp; 22 DwgNo 12/12
Title Terms: DATA; RECEPTION; METHOD; SELECT; GROUP; ENHANCE; DATA; LAYER;
  MATCH; CHANGE; TARGET; BANDWIDTH; CLIENT; COMPUTER
Derwent Class: T01; W01; W02
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

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Set     Items   Description
S1      64108   (NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSM-
                IT OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION
                OR TRANSPORT OR TRANSPORTING)(3N)(PROPERTY OR PROPERTIES OR -
                ATTRIBUTE? ? OR CRITERION OR CONDITION? ? OR PARAMETER? ?)
S2      904700  MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S3      1309519 CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
                ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
                TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S4      189922  (QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR -
                SEEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
                OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCA-
                TOR? ? OR RETRIEVE? ? OR RETRIEVING OR RETRIEVAL)(5N)S3
S5      332822  PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
                LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
                ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
                A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S6      10624   PEER(2W)PEER OR P2P OR MULTICOMPUTER OR (GRID OR DISTRIBUT-
                ED OR UTILITY)()COMPUTING OR MULTI()COMPUTER
S7      211     S2 (5N) S3 (5N) S1
S8      74      S7 AND IC=G06F
S9      15      S8 AND AY=1978:1996
S10     15      IDPAT (sorted in duplicate/non-duplicate order)
S11     13      IDPAT (primary/non-duplicate records only)
S12     233     S4 (5N) S1
S13     1       S12 (30N) S6
S14     1322    S2 (5N) S3 (5N) S5
S15     6       S14 (30N) S6
S16     6       S15 NOT S11
S17     6       IDPAT (sorted in duplicate/non-duplicate order)
S18     6       IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2006/Feb W04
        (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060302,UT=20060223
        (c) 2006 WIPO/Univentio
```

01802141
Terminal device in document information communication system
Terminal fur Dokumentinformationskommunikationssystem
Terminal pour un systeme de communication d'informations de documents
PATENT ASSIGNEE:
  Matsushita Electric Industrial Co., Ltd., (2691494), 1006, Oaza Kadoma,
    Kadoma-shi, Osaka-fu 571-8501, (JP), (Applicant designated States: all)
INVENTOR:
  Ohto, Hidetaka, 3-5-1-1010, Sumiregaoka, Takarazuka-shi Hyogo-ken 665,
    (JP)
  Okamura, Kazuo, 4-5-8-302, Hoshigaoka, Hirakata-shi Osaka-fu 573, (JP)
  Mukai, Masaki, 1-3-1, Ichibanishi, Izumisano-shi Osaka-fu 598, (JP)
  Hirai, Junichi, 2-20-8-503, Yamate-cho, Suita-shi Osaka-fu 564, (JP)
  Hishida, Toshihiro, 3-5-24, Hiyodori-dai Kita-ku, Kobe-shi Hyogo-ken
    651-11, (JP)
LEGAL REPRESENTATIVE:
  Crawford, Andrew Birkby (29761), A.A. Thornton & Co., 235 High Holborn,
    London WC1V 7LE, (GB)
PATENT (CC, No, Kind, Date): EP 1471452 A1 041027 (Basic)
APPLICATION (CC, No, Date):   EP 2004076744 961028;
PRIORITY (CC, No, Date): JP 95280353 951027; JP 96272505 961015
DESIGNATED STATES: DE; FR; GB
RELATED PARENT NUMBER(S) - PN (AN):
  EP 770968 (EP 96307784)
INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ; H04L-012/58

ABSTRACT EP 1471452 A1
    A terminal device to be used in a system where sets of transmission
document information are transferred via a network between terminal
devices which are grouped together in a plurality of different groups,
the terminal device comprising a document information storage unit which
stores document information which is made up of a plurality of document
elements which are to be transmitted, a terminal device arrangement
information storage unit for storing terminal device arrangement
information made up of each group name, a type of each terminal device
provided at each group and an address of each terminal device, a terminal
device capability information control unit for controlling terminal
device capability information which shows what kinds of document
information can be outputted by each type of terminal device, a
transmission document information creation unit for selecting terminal
devices based on the group name of a group to be transmitted to and the
terminal device arrangement information and for creating sets of the
transmission document information from the document information to be
transmitted in accordance with the terminal device capability information
and a transmission unit for transmitting the created sets of transmission
document information to the selected terminal devices.
ABSTRACT WORD COUNT: 197
NOTE:
  Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 041027 A1 Published application with search report
 Examination: 041027 A1 Date of request for examination: 20040702
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) 200444   243
      SPEC A   (English) 200444   22520
Total word count - document A   22763
Total word count - document B   0
Total word count - documents A + B   22763

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ...

...SPECIFICATION an element data write unit for writing element data which
has a media attribute which **matches** an outputable media **attribute** for
the **transmission** destination **terminal** device selected by the
transmission destination **terminal** device selection unit into the
present set of transmission document information.
  Here, the transmission document...

...conversion of a media attribute of the unwritable element data to a
media attribute which **matches** the media **attribute** of the selected
transmission destination **terminal** device, in accordance with the media
attribute conversion information, and the terminal device may further...

11/5,K/3   **(Item 3 from file: 348)**·
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00890694
NETWORK MATCH **MAKER FOR SELECTING** CLIENTS **BASED ON** ATTRIBUTES **OF**
    SERVERS AND COMMUNICATION **LINKS**
NETZWERKANPASSUNGSSYSTEM ZUR AUSWAHL VON KUNDEN BASIERT AUF
    SERVEREIGENSCHAFTEN UND ÜBERTRAGUNGSVERBINDUNGEN
SYSTEME DE MISE EN CORRESPONDANCE SUR RESEAUX POUR LA SELECTION DE CLIENTS
    EN FONCTION D'ATTRIBUTS DE SERVEURS ET DE LIAISONS DE COMMUNICATION
PATENT ASSIGNEE:
  MPATH Interactive Inc., (2370261), 665 Clyde Avenue, Mountain View, CA
    94043, (US), (Applicant designated States: all)
INVENTOR:
  SAMUEL, Daniel, Joseph, 1248 Van Dyck Drive, Sunnyvale, CA 94087, (US)
  ROTHSCHILD, Jeffrey, Jackiel, 15560 Old Ranch Road, Los Gatos, CA 95030,
    (US)
  GRIMM, Stephen, M., 173 Sherland Avenue, Mountain View, CA 94043, (US)
  WOLF, Michael, A., 324 Flynn Avenue, Mountain View, CA 94043, (US)
LEGAL REPRESENTATIVE:
  Maggs, Michael Norman et al (59191), Kilburn & Strode 20 Red Lion Street,
    London WC1R 4PJ, (GB)
PATENT (CC, No, Kind, Date): EP 965084 A1 991222 (Basic)
                              WO 9735258 970925
APPLICATION (CC, No, Date):   EP 97916187 970320; WO 97US4716 970320
PRIORITY (CC, No, Date): US 13812 P 960321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
  MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
INTERNATIONAL PATENT CLASS (V7): **G06F-013/00**
NOTE:
  No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Withdrawal: 020522 A1 Date application deemed withdrawn: 20010403
 Application: 971217 A1 International application (Art. 158(1))
 Application: 991222 A1 Published application with search report
 Examination: 991222 A1 Date of request for examination: 19981021
LANGUAGE (Publication,Procedural,Application): English; English; English

NETWORK MATCH **MAKER FOR SELECTING** CLIENTS **BASED ON** ATTRIBUTES **OF**
    SERVERS AND COMMUNICATION **LINKS**
INTERNATIONAL PATENT CLASS (V7): **G06F-013/00**

11/5,K/4   (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00835303
**File transfer method, method for a file requesting client device, and file
    server device**
**Dateientransferverfahren,   Verfahren   fur   ein   Dateien   anforderndes
    Benutzergerat und Dateienanbietergerat**
**Procede de transfert de fichiers, procede pour un dispositif client
    demandant des fichiers et dispositif serveur de fichiers**
PATENT ASSIGNEE:
  KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku,
    Kawasaki-shi, Kanagawa-ken 210-8572, (JP), (Proprietor designated
    states: all)
INVENTOR:
  Imai, Toru, 4-32-A201, Komaoka, Tsurumi-ku, Yokohama-shi, Kanagawa-ken,
    (JP)
  Fujii, Hiroko, 202, Hirugureisu-Kugahara, 5-49-6, Kugahara, Ohota-ku,
    Tokyo, (JP)
  Yoshida, Hideki, 10-2-212, Ichibakami-cho, Tsurumi-ku, Yokohama-shi,
    Kanagawa-ken, (JP)
  Shimokawa, Toshihiko, 256-6-8, Sanmai-cho, Kanagawa-ku, Yokohama-shi,
    Kanagawa-ken, (JP)
LEGAL REPRESENTATIVE:
  Zangs, Rainer E., Dipl.-Ing. et al (72561), Hoffmann Eitle, Patent- und
    Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 773503   A2   970514 (Basic)
                               EP 773503   A3   990414
                               EP 773503   B1   040331
APPLICATION (CC, No, Date):   EP 96117972 961108;
PRIORITY (CC, No, Date): JP 95292910 951110; JP 9622658 960208
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-017/30**
CITED REFERENCES (EP B):
  LILJEBERG M ET AL: "OPTIMIZING WORLD-WIDE WEB FOR WEAKLY CONNECTED MOBILE
    WORKSTATIONS:AN INDIRECT APPROACH" INTERNATIONAL WORKSHOP ON SERVICES
 ·' IN DISTRIBUTED AND NETWORKED ENVIRONMENTS, 5 June 1995, pages 132-139,
    XP000764774
  PADMANABHAN V N ET AL: "IMPROVING HTTP LATENCY" COMPUTER NETWORKS AND
    ISDN SYSTEMS, vol. 28, May 1995, pages 25-35, XP002044439
  LOUTONEN A ET AL: "WORLD-WIDE WEB PROXIES" COMPUTER NETWORKS AND ISDN
    SYSTEMS, vol. 27, 1 January 1994, pages 147-154, XP000575304;

ABSTRACT EP 773503 A2
  A scheme for transferring files from a file server to a file requesting
  client, which enables request and transfer of files which are related to
  a user requested file at a time of transferring a user requested file.
  The file requesting client makes a file request indicating a desired
  file, and in response the file server transfers a file list of files
  related to the desired file indicated by the file request. Then, the file
  requesting client makes a transfer request requesting a transfer of files
  according to the file list, and in response the file server transfers the
  files requested by the transfer equest. Alternatively, the file
  requesting client makes a request indicating a desired file, and in
  response the file server transfers a concatenated file formed by
  concatenating files related to the desired file indicated by the request.
  Then, the file requesting client extracts individual files from the
  concatenated file.
ABSTRACT WORD COUNT: 153
NOTE:
  Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

```
Examination:        020502 A2 Date of dispatch of the first examination
                               report: 20020314
Application:        970514 A2 Published application (A1with Search Report
                               ;A2without Search Report)
Oppn None:          050323 B1 No opposition filed: 20050104
Change:             030903 A2 Title of invention (French) changed: 20030718
Change:             030903 A2 Title of invention (English) changed: 20030718
Change:             030903 A2 Title of invention (German) changed: 20030718
Change:             030709 A2 Title of invention (French) changed: 20030522
Change:             030709 A2 Title of invention (English) changed: 20030522
Change:             030709 A2 Title of invention (German) changed: 20030522
Change:             030820 A2 Title of invention (German) changed: 20030702
Change:             030820 A2 Title of invention (English) changed: 20030702
Change:             030820 A2 Title of invention (French) changed: 20030702
Grant:              040331 B1 Granted patent
Examination:        970514 A2 Date of filing of request for examination:
                               961112
Search Report:      990414 A3 Separate publication of the European or
                               International search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language    Update      Word Count
     CLAIMS A   (English)   EPAB97        2347
     CLAIMS B   (English)   200414        1350
     CLAIMS B   (German)    200414        1260
     CLAIMS B   (French)    200414        1564
     SPEC A     (English)   EPAB97       20291
     SPEC B     (English)   200414       19417
Total word count - document A            22642
Total word count - document B            23591
Total word count - documents A + B       46233
```

INTERNATIONAL PATENT CLASS (V7): **G06F-017/30**

...SPECIFICATION in which the multiple files transfer request unit 138 for
transferring only those files which **match** with the **transfer
condition** is provided in the file requesting **client** 120 in advance,
but this operation procedure is for a case in which the multiple...

...SPECIFICATION in which the multiple files transfer request unit 138 for
transferring only those files which **match** with the **transfer
condition** is provided in the file requesting **client** 120 in advance,
but this operation procedure is for a case in which the multiple..

00832069
Terminal device in document information communication system
Terminal fur Dokumentinformationskommunikationssystem
Terminal pour un systeme de communication d'informations de documents
PATENT ASSIGNEE:
  MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216885), 1006, Oaza Kadoma,
    Kadoma-shi, Osaka 571, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Ohto, Hidetaka, 3-5-1-1010, Sumiregaoka, Takarazuka-shi, Hyogo-ken 665,
    (JP)
  Okamura, Kazuo, 4-5-8-302, Hoshigaoka, Hirakata-shi, Osaka-fu 573, (JP)
  Mukai, Masaki, 1-3-1, Ichibanishi, Izumisano-shi, Osaka-fu 598, (JP)
  Hirai, Junichi, 2-20-8-503, Yamate-cho, Suita-shi, Osaka-fu 564, (JP)   -
  Hishida, Toshihiro, 3-5-24, Hiyodori-dai, Kita-ku, Kobe-shi, Hyogo-ken
    651-11, (JP)
LEGAL REPRESENTATIVE:
  Crawford, Andrew Birkby et al (29761), A.A. THORNTON & CO. Northumberland
    House 303-306 High Holborn, London WC1V 7LE, (GB)
PATENT (CC, No, Kind, Date): EP 770968 A2 970502 (Basic)
                              EP 770968 A3 981202
APPLICATION (CC, No, Date):   EP 96307784 961028;
PRIORITY (CC, No, Date): JP 95280353 951027; JP 96272505 961015
DESIGNATED STATES: DE; FR; GB
RELATED DIVISIONAL NUMBER(S) - PN (AN):
     (EP 2004076744)
INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ; H04L-012/58

ABSTRACT EP 770968 A2
    A terminal device to be used in a system where sets of transmission
document information are transferred via a network between terminal
devices which are grouped together in a plurality of different groups,
the terminal device comprising a document information storage unit which
stores document information which is made up of a plurality of document
elements which are to be transmitted, a terminal device arrangement
information storage unit for storing terminal device arrangement
information made up of each group name, a type of each terminal device
provided at each group and an address of each terminal device, a terminal
device capability information control unit for controlling terminal
device capability information which shows what kinds of document
information can be outputted by each type of terminal device, a
transmission document information creation unit for selecting terminal
devices based on the group name of a group to be transmitted to and the
terminal device arrangement information and for creating sets of the
transmission document information from the document information to be
transmitted in accordance with the terminal device capability information
and a transmission unit for transmitting the created sets of transmission
document information to the selected terminal devices.
ABSTRACT WORD COUNT: 197

LEGAL STATUS (Type, Pub Date, Kind, Text):
  Change: 040901 A2 Application number of divisional application
                            (Article 76) changed: 20040713
  Application: 970502 A2 Published application (A1with Search Report
                            ;A2without Search Report)
  Withdrawal: 051214 A2 Date application deemed withdrawn: 20050607
  Change: 040901 A2 Application number of divisional application
                            (Article 76) changed: 20040713
  Search Report: 981202 A3 Separate publication of the European or
                            International search report
  Examination: 990602 A2 Date of filing of request for examination:
                            990406

...SPECIFICATION an element data write unit for writing element data which
has a media attribute which **matches** an outputable media **attribute** for
the **transmission** destination **terminal** device selected by the
transmission destination **terminal** device selection unit into the
present set of transmission document information.
    Here, the transmission document...

...conversion of a media attribute of the unwritable element data to a
media attribute which **matches** the media **attribute** of the selected
transmission destination **terminal** device, in accordance with the media
attribute conversion information, and the terminal device may further...

...CLAIMS conversion of a media attribute of the unwritable element data to
a media attribute which **matches** the media **attribute** of the
selected **transmission** destination **terminal** device, in accordance
with the media attribute conversion information, wherein the terminal
device further comprises...

...an element data write unit for writing element data which has a media
attribute which **matches** an outputable media **attribute** for the
transmission destination **terminal** device selected by the
transmission destination **terminal** device selection unit into the
present set of transmission document information.
    14. The terminal device...

...conversion of a media attribute of the unwritable element data to a
media attribute which **matches** the media **attribute** of the selected
transmission destination **terminal** device, in accordance with the
media attribute conversion information, wherein the terminal device
further comprises...an element data write unit for writing element
data which has a media attribute which **matches** an outputable media
attribute for the **transmission** destination **terminal** device
selected by the transmission destination **terminal** device selection
unit into the present set of transmission document information.
    29. The terminal device...

00490633
Graphical configuration of data processing networks
Graphische Konfiguration eines Datenverarbeitungsnetzwerkes
Configuration graphique d'un reseau informatique
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Sanchez-Frank, Alejandra, 14601 Sandy Side Drive, Austin, Texas 78728,
    (US)
  Martin, Jay Sirkin, 10506 Yucca Drive, Austin, Texas 78759, (US)
LEGAL REPRESENTATIVE:
  Tomlinson, Kerry John (36771), Frank B. Dehn & Co., European Patent
    Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)
PATENT (CC, No, Kind, Date): EP 490624 A2 920617 (Basic)
                              EP 490624 A3 940119
                              EP 490624 B1 990414
APPLICATION (CC, No, Date):   EP 91311452 911210;
PRIORITY (CC, No, Date): US 625249 901210
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-015/16**
CITED PATENTS (EP A): US 4813013 A
CITED REFERENCES (EP A):
  HEWLETT-PACKARD JOURNAL vol. 41, no. 2 , April 1990 , PALO ALTO US pages
    60 - 65 XP116175 C.J.SMITH ET AL 'HP OPENVIEW WINDOWS: A USER INTERFACE
    FOR NETWORK MANAGEMENT SOLUTIONS'
  IEEE NETWORK: THE MAGAZINE OF COMPUTER COMMUNICATIONS. vol. 2, no. 2 ,
    March 1988 , NEW YORK US pages 13 - 19 M.FERIDUN ET AL 'ANM: AUTOMATED
    NETWORK MANAGEMENT SYSTEM';

ABSTRACT EP 490624 A2
    A computer system and method for configuring communication and database
networks in a user friendly graphical environment and automatically
generating related configuration files. In a preferred practice, the user
defines multiple network workstation nodes using icons (13), specifies
(12) the resources associated with each icon, and defines connections
between icons using specified protocol constraints, and the computer
validates the network so defined, and generates the associated
configuration files for the respective workstation nodes. The
workstations have requester/server capability for communication and
database network operation. The configuration files for the respective
workstations in the network are preferably distributed and installed
using the network resources. The network topology information so created
can be stored, retrieved and modified as necessary to suit the needs of
an evolving network. (see image in original document)
ABSTRACT WORD COUNT: 132

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Oppn None: 20000405 B1 No opposition filed: 20000115
 Application: 920617 A2 Published application (A1with Search Report
                            ;A2without Search Report)
 Examination: 921223 A2 Date of filing of request for examination:
                            921022
 Search Report: 940119 A3 Separate publication of the European or
                            International search report
 Examination: 961227 A2 Date of despatch of first examination report:
                            961111
 Grant: 990414 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count

```
        CLAIMS B   (English)  9915          546
        CLAIMS B   (German)   9915          578
        CLAIMS B   (French)   9915          742
        SPEC B     (English)  9915         3830
Total word count - document A                0
Total word count - document B             5696
Total word count - documents A + B        5696
```

INTERNATIONAL PATENT CLASS (V7): **G06F-015/16**

...CLAIMS parameters.
  2. The system recited in Claim 1, further comprising means for validating
     connections by **comparing** **attributes** of defined **network** **nodes** .

  3. The system recited in Claim 1 or 2, wherein the means for distributing
     the...

11/5,K/7   (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00333304
SESSION CONTROL IN NETWORK FOR DIGITAL DATA PROCESSING SYSTEM WHICH SUPPORTS MULTIPLE TRANSFER PROTOCOLS.
VERBINDUNGSSTEUERUNG IN EINEM NETZWERK FuR EIN DIGITALDATENVERARBEITUNGSSYS TEM, DAS MEHRFACHE uBERTRAGUNGSPROTOKOLLE UNTERSTuTZT.
COMMANDE DE SESSION DANS DES RESEAUX DE SYSTEMES DE TRAITEMENT DE DONNEES NUMERIQUES COMPATIBLES AVEC DES PROTOCOLES MULTIPLES DE TRANSFERT.
PATENT ASSIGNEE:
  DIGITAL EQUIPMENT CORPORATION, (313081), 111 Powdermill Road, Maynard
    Massachusetts 01754-1418, (US), (applicant designated states:
    DE;FR;GB;NL)
INVENTOR:
  HARVEY, George, A., 10 Michael Road, Maynard, MA 01754, (US)
  KONING, Gerard, 4 Parker Road, Brookline, NH 03033, (US)
  HAWE, William, 16 Independence Road, Pepperell, MA 01463, (US)
  LAUCK, Anthony, 20 Fells Circle, Wellesley, MA 02181, (US)
  ORAN, David, 216 Lakewood Drive, Bloomington, IN 47401, (US)
  HARPER, John, 10 Tyfield Sherborne St. John, Basingstoke RG24 9HZ, (US)
  MILES, Kevin, ''Roseville'' Church Lane, Three Miles Cross Reading RG7
    1HD, (US)
LEGAL REPRESENTATIVE:
  Goodman, Christopher et al (31122), Eric Potter & Clarkson St. Mary's
    Court St. Mary's Gate, Nottingham NG1 1LE, (GB)
PATENT (CC, No, Kind, Date): EP 329779 A1 890830 (Basic)
                              EP 329779 B1 921209
                              WO 8902129 890309
APPLICATION (CC, No, Date):   EP 88908586 880901; WO 88US3031 880901
PRIORITY (CC, No, Date): US 94306 870904
DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS (V7): **G06F-015/16 ; G06F-013/38**
CITED REFERENCES (EP A):
  See also references of WO8902129;
CITED REFERENCES (WO A):
  Proceedings IEEE INFOCOM 85, 26-28 March 1985, Washington, D.C., IEEE,
    (US), P. Mockapetris et al.: "A perspective on name system design",
    pages 349-355
  IBM Technical Disclosure Bulletin, volume 29, no. 9, February 1987,
    (Armonk, New York, US), "Multiple-protocol LAN interface for IBM 370
    systems", pages 3767-3768
  Computer Communication Review (ACM Press; Proceedings of the ACM
    SIGCOMM'87 Workshop), volume 7, no. 5, 11-13 August 1987, Special
    Issue, ACM, (New York, US), L.L. Peterson: "A yellow-pages service for
    a local-area network", pages 235-242
  Computer Communication Review (SIGCOMM'86 Symp./Communications;
    Architectures & Protocols), volume 16, no. 3, 5-7 August 1986, ACM
    (Stowe, Vermont, US), B.D. Fleisch: "Distributed system V IPC in locus:
    a design and implementation retrospective", pages 386-396;

ABSTRACT EP 329779 A1
    A distributed digital data processing system includes a plurality of
nodes which communicate over a network. A node maintains one or more
objects, each of which may be a file, that is, an addressable unit, in
the system, such as a program, database, text file, or the like, or a
directory which may contain one or more files or other directories. One
node maintains a naming service which associates each object in the
system with one or more protocol towers. Each protocol tower identifies
the object name and a series of entries each identifying a name for each
of the protocol layers, along with the communications parameters and
address information, to be used in communicating with the object. When a
node requires access to an object maintained by another node, it first

retrieves from the naming service the protocol towers for the object. The
node also maintains a tower identifying the names of each of the
protocols over which it can communicate. The node then compares the
protocol names in the retrieved protocol towers with the protocol names
over which it can communicate. If the protocol names in a retrieved tower
match the protocol names in the **node** 's tower, the **node** uses the
communications **parameters** and address information in future
communications with the object. If the node is unable to identify a
retrieved protocol tower which matches its supported tower or towers, it
is unable to communicate with the object.
ABSTRACT WORD COUNT: 244
NOTE:
No A-document published by EPO

INTERNATIONAL PATENT CLASS (V7): **G06F-015/16** ...

... **G06F-013/38**

...ABSTRACT protocol names over which it can communicate. If the protocol
names in a retrieved tower **match** the protocol names in the **node** 's
tower, the **node** uses the **communications** **parameters** and address
information in future communications with the object. If the node is
unable to...

...SPECIFICATION in the system with one or more protocol towers. Each
protocol tower identifies the object **name** and a series of entries **each**
identifying a protocol **name** for each **of** **the** protocol layers, along
with the communications parameters and address information, to be used in
communicating...protocol names over which it can communicate. If the
protocol names in a retrieved tower **match** the protocol names in the
node 's tower, the **node** uses the **communications** **parameters** and
address information in future communications with the object. If the node
is unable to...

...CLAIMS node, the contents of said parameter and address field from the
protocol tower means which **satisfies** said selected **match**
criterion in initiating **communication** between said **client** **node**
and **an** **object** identified by the object name, said using being
performed by a parameter and address utilization...

00326949
**Method for optimized rete pattern matching in pattern-directed, rule-based
     artificial intelligence production systems**
**Verfahren   zur   optimierten "Rete"-Musteranpassung in   mustergefuhrten,
     regelbasierten, kunstlichen Intelligenz-Produktionssystemen**
**Methode d'appariement de modele "rete" dans des systemes de production en
     intelligence artificielle bases sur des regles et contraintes par des
     modeles**
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
     Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Loeb, David Jerome, 4094 Rincon Avenue, Campbell, CA 95008, (US)
  Milliken, Keith Robert, Sun Valley Heights Road P.O. Box 27, Croton
     Falls, NY 10519, (US)
LEGAL REPRESENTATIVE:
  Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
     Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date):   EP 314650   A2   890503 (Basic)
                               EP 314650   A3   920429
                               EP 314650   B1   960124
APPLICATION (CC, No, Date):   EP 88850343 881014;
PRIORITY (CC, No, Date): US 114485 871028
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-009/44**
CITED REFERENCES (EP A):
  13TH ANNUAL INTERNATIONAL SYMPOSIUM ON COMPUTER ARCHITECTURE 2 June 1986,
     TOKYO, JAPAN pages 28 - 37; GUPTA, FORGY, NEWELL AND WEDIG: 'Parallel
     Algorithms for Architectures for Rule-Based Systems'
  7TH DIGITAL AVIONICS SYSTEMS CONFERENCE   13 October 1986, FORT
     WORTH, TEXAS pages 601 - 607; SILBERT ET AL: 'A tool for development of
     AI hybrid systems'
  ARTIFICIAL INTELLIGENCE   vol. 19, no. 1, September
     1982, AMSTERDAM pages 17 - 37; FORGY: 'RETE: A fast algorithm for the
     many pattern/many object pattern match problem';

ABSTRACT EP 314650 A2
     A demand-driven AI production system utilizing a RETE network for
  comparison matching in a condition/data match, rule-selection, and
  rule-firing execution cycle in which the RETE network is modified to
  maintain a list of instantiations satisfying the match conditions
  expressed in each node of the RETE network, passing of tokens to
  descendant nodes upon a comparison match, maintaining patterns to all
  ancestor nodes through which the tokens have passed, and traversing the
  patterns as a path for avoiding those RETE pattern matchings redundant
  between a previous match and a current match in progress.   (see image in
  original document)
ABSTRACT WORD COUNT: 101

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 890503 A2 Published application (A1with Search Report
                            ;A2without Search Report)
 Examination: 891004 A2 Date of filing of request for examination:
                            890809
 Search Report: 920429 A3 Separate publication of the European or
                            International search report
 Change: 920722 A2 Representative (change)
 Examination: 940706 A2 Date of despatch of first examination report:
                            940520
 Grant: 960124 B1 Granted patent

```
Lapse:               961030 B1 Date of lapse of the European patent in a
                               Contracting State: DE 960425
Oppn None:           970115 B1 No opposition filed
Lapse:               970122 B1 Date of lapse of the European patent in a
                               Contracting State: DE 960425, FR 960621
Lapse:               971015 B1 Date of lapse of the European patent in a
                               Contracting State: DE 960425, FR 960621, GB
                               961014
```

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

```
Available Text  Language    Update      Word Count
     CLAIMS A   (English)   EPABF1        481
     CLAIMS B   (English)   EPAB96        322
     CLAIMS B   (German)    EPAB96        327
     CLAIMS B   (French)    EPAB96        376
     SPEC  A    (English)   EPABF1       6450
     SPEC  B    (English)   EPAB96       6570
Total word count - document A             6931
Total word count - document B             7595
Total word count - documents A + B       14526
```

INTERNATIONAL PATENT CLASS (V7): **G06F-009/44**

...SPECIFICATION matching, selection, and execute cycle of an AI production
system comprising: (a) compiling a RETE **network** of the **condition**
elements of the pattern portion of the rule being **matched** , the join
nodes of said network being grouped in a pattern-determined
associative manner; and (b) applying those...

...SPECIFICATION matching, selection, and execute cycle of an AI
production system comprising: (a) compiling a RETE **network** of the
condition elements of the pattern portion of the rule being **matched** ,
the join **nodes** of said network being grouped in a pattern-determined
associative manner; and (b) applying those...

11/5,K/9   (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00304324
A fast method for a bidirectional inference
Schnelles Verfahren zur bidirektionalen Inferenz-Strategie
Methode rapide d'inference bidirectionnelle
PATENT ASSIGNEE:
  HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
    100, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
  Tano, Shunichi, 256-1, Miwacho, Machida-shi, (JP)
  Masui, Shoichi, 1-4-201, Nijigaoka-3-chome Asao-ku, Kawasaki-shi, (JP)
  Sakaguchi, Seiji, 9-26, Azamino-1-chome Midori-ku, Yokohama, (JP)
  Sasaki nee Kobayashi, Noriko, 22-6, Tsukuda-2-chome Chuo-ku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
  Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54,
    80538 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 320957   A2   890621 (Basic)
                               EP 320957   A3   920805
                               EP 320957   B1   960925
APPLICATION (CC, No, Date):   EP 88121051 881215;
PRIORITY (CC, No, Date): JP 87320853 871217
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7):   **G06F-009/44**
CITED REFERENCES (EP A):
  EIGHTH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION 27 October 1986,
    PARIS FRANCE pages 181 - 183; W. EICHHORN AND H. NIEMANN: 'A
    bidirectional control strategy in a hierarchical knowledge structure'
  IEEE EXPERT. vol. 3, no. 2, July 1988, NEW YORK US pages 18 - 32; G. E.
    KAISER ET AL: 'Database Support for Knowledge-Based Engineering
    Environments'
  IEEE FIRST INTERNATIONAL CONFERENCE ON NEURAL NETWORKS vol. 2, 21 June
    1987, SAN DIEGO US pages 309 - 317; L. A. BECKER AND J. PENG: 'Network
    Processing of Hierarchical Knowledge for Classification and Diagnosis'
  THE SECOND INTERNATIONAL CONFERENCE ON COMPUTERS AND APPLICATIONS 23 June
    1987, PEKING pages 650 - 655; L. CHRISTENSEN: 'CODAR: An Expert System
    Design Tool for Engineering Diagnostics';

ABSTRACT EP 320957 A2
    In an inference method using a rule, a rule condition part network and
  rule consequence part network are generated, an integral network of both
  the networks is used for inference. With this inference method, the
  inference is performed at high speed by setting a shortcut arc so as to
  process the inference along the pattern matchable network portion.
  Further, use of the integral network of the rule condition and
  consequence parts enables not only forward and backward inferences but
  also a bidirectional inference with intimate couple between forward and
  backward inferences.   (see image in original document)
ABSTRACT WORD COUNT: 100

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 890621 A2 Published application (A1with Search Report
                              ;A2without Search Report)
 Examination: 910206 A2 Date of filing of request for examination:
                              901212
 Search Report: 920805 A3 Separate publication of the European or
                              International search report
 Examination: 940810 A2 Date of despatch of first examination report:
                              940624
 Grant: 960925 B1 Granted patent
 Oppn None: 970917 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

```
Available Text   Language    Update     Word Count
     CLAIMS A   (English)   EPABF1       1301
     CLAIMS B   (English)   EPAB96       1594
     CLAIMS B    (German)   EPAB96       1609
     CLAIMS B    (French)   EPAB96       1768
     SPEC A     (English)   EPABF1       9048
     SPEC B     (English)   EPAB96       9081
Total word count - document A            10350
Total word count - document B            14052
Total word count - documents A + B       24402
```

INTERNATIONAL PATENT CLASS (V7): **G06F-009/44**

...SPECIFICATION of the RHS net, a constant node for insertion of a
constant, and a variable **node** for insertion of each item value of WME
matching the **condition** part.
   The **networks** are coupled by **terminal   nodes** , the resultant network
has a **node** hierarchy as shown in Fig. 4.
   In the hierarchy shown in Fig. 4, it is...consequence work.
      Step 4: A shortcut arc is set for coupling the arcs to the **terminal
   node** representative of **matching** of each pattern in the **condi**tion
part **network** and the consequence part network, to the arcs to the
nodes based on which the...

...SPECIFICATION of the RHS net, a constant node for insertion of a
constant, and a variable **node** for insertion of each item value of WME
 matching the **condition** part.
   The **networks** are coupled by **terminal   nodes** , the resultant
network has a **node** hierarchy as shown in Fig. 4.
   In the hierarchy shown in Fig. 4, it is...consequence work.
      Step 4: A shortcut arc is set for coupling the arcs to the
terminal   node representative of **matching** of each pattern in the
condition part **network** and the consequence   part network, to the
arcs to the nodes based on which the...

00396571   **Image available**
INFORMATION AGGREGATION AND SYNTHESIZATION SYSTEM
SYSTEME DE SYNTHETISATION ET DE REGROUPEMENT DE DONNEES
Patent Applicant/Assignee:
  THE SABRE GROUP INC,
Inventor(s):
  BULL David Stanley,
  CARR Robert Neal Jr,
  OFFUTT Josphe Robert Jr,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9737314 A1 19971009
  Application: WO 96US14893 19960917   (PCT/WO US9614893)
  Priority Application: US 9615384 19960401; US 96685805 19960724
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS
  JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO
  RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG
  KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ
  CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): **G06F-017/60**
International Patent Class (v7): **G06F-17:30**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 8447

English Abstract
  An information aggregation and synthesization system and process. The
  present invention provides aggregation and packaging of structured or
  unstructured information from disparate sources such as those available
  on a network such as the Internet. A network compatible/addressable
  interface device is operated by a user. The network interface device
  communicates with local datastores or network accessible datastores via
  an addressing scheme such as Uniform Resource Locator addresses (URLs)
  utilized by the Internet. Data passing between the network interface
  device and the datastores is accessed, polled, and retrieved through an
  intermediary gateway system. Such aggregated information is then
  synthesized, customized, personalized and localized to meet the
  information resource requests specified by the user via the network   .
  interface device.

French Abstract
  L'invention concerne un systeme et un procede de synthetisation et de
  regroupement de donnees. L'invention assure le regroupement et
  l'integration d'informations structurees et non structurees a partir de
  sources diverses telles que celles disponibles sur un reseau comme
  Internet. Une interface adressable par/compatible avec le reseau est
  utilisee par un operateur. Cette interface communique avec des memoires
  de donnees locales ou des memoires de donnees accessibles par le reseau
  via un systeme d'adressage telles que les adresses du Localisateur de
  Ressources Uniformes (URL) utilisees par Internet. Les donnees passant
  entre l'interface du reseau et les memoires de donnees sont accedees,
  interrogees et extraites par un systeme de passerelle intermediaire. Ces
  informations regroupees sont ensuite synthetisees, adaptees,
  personalisees et localisees pour repondre a la demande de ressources
  d'informations de l'utilisateur via l'interface du reseau.

Main International Patent Class (v7): **G06F-017/60**
International Patent Class (v7): **G06F-17:30**
Fulltext Availability:
  Detailed Description
Detailed Description
... Senda (U.S. Patent No. 5,459,859) discloses an information
  providing system using a **communication   network** which stores
   attribute /schedule information from each **subscriber** and uses
  that information to **match** with other subscribers.

  Senda differs from the present invention in that it is a
  software...

00332979
GROUP-ORIENTED COMMUNICATIONS USER INTERFACE
INTERFACE POUR UTILISATEURS DE COMMUNICATIONS ORIENTEE SUR LE GROUPE
Patent Applicant/Assignee:
  NOVALINK TECHNOLOGIES INC,
Inventor(s):
  KEYWORTH George A II,
  KRISHAN Baldev,
  KRISHNAN Kalyan V,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9615490 A1 19960523
  Application: WO 95US14150 19951031 (PCT/WO US9514150)
  Priority Application: US 94337100 19941109
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  CA JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Main International Patent Class (v7): **G06F-003/14**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 9460

English Abstract
  A system and methods are provided for displaying and processing
communications via a variety of communications media using a personal
computer. Messages received either wirelessly, for example, wireless
e-mail (37), or over telephone wireline, such as voice mail (39) or
facsimile (38), are segregated and presented for review by the subscriber
according to whether the originator is within a select group of routinely
contacted individuals and also by type of media, therefore providing an
intuitive and efficient message processing capability. Further
enhancements are provided relating to making the apparatus and methods
self-documenting and for facilitating communication to the system
manufacturer.

French Abstract
  La presente invention concerne un systeme et des procedes servant a
afficher et a traiter des communications parvenues par divers moyens de
communications en utilisant un ordinateur personnel. Les messages recus
soit par radio, par exemple le courrier electronique (37), soit par une
ligne telephonique metallique, comme le courrier vocal (39) ou les
fac-similies (38), sont separes et presentes a l'abonne en fonction de
l'appartenance, ou non, de l'auteur du message a un groupe restreint de
personnes avec lesquelles le contact est etabli de facon habituelle, et
ils sont presentes aussi classes par types de media, donnant ainsi une
capacite intuitive et efficace de traitement des messages. D'autres
perfectionnements selon l'invention portent sur la facon de rendre
l'euipement et les procedes autodocumentaires et de faciliter les
communications avec le fabricant du systeme.

Main International Patent Class (v7): **G06F-003/14**
Fulltext Availability:
  Detailed Description
  Claims

Detailed Description
... conventionally precedes the text of a facsimile image.
  The decoded TRANSMIT ID information is the **compared** at

box 181 to the **communications   parameters** stored for
 members of the VIP gallery (e.g., the facsimile
telephone number or incoming FAX ID information...

Claim
... in the selected
 group only if the data pertaining to the identity of
 the sender **matches** the predetermined **communications**
  attribute associated with the selected **member** of the
 selected group.

13. A method of displaying information as
defined in claim 11...of the incoming
message only if the data pertaining to the identity of
 the sender **matches** the predetermined **communications**
  attribute associated with the selected **member** of the
 selected group.

28. The apparatus as defined in claim 26
wherein the apparatus..

00280318   **Image available**
METHODS AND APPARATUS RELATING TO THE FORMULATION AND TRADING OF RISK MANAGEMENT CONTRACTS
PROCEDE ET APPAREIL DESTINES A L'ETABLISSEMENT ET A LA NEGOCIATION DES CONTRATS DE GESTION DE RISQUES
Patent Applicant/Assignee:
  SHEPHERD Ian Kenneth,
Inventor(s):
  SHEPHERD Ian Kenneth,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9428496 A1 19941208
  Application: WO 93AU250 19930528   (PCT/WO AU9300250)
  Priority Application: WO 93AU250 19930528
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL
  NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE IT LU
  MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): **G06F-015/21**
International Patent Class (v7): **G06F-15:30**
Publication Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 41169

English Abstract
  Methods and apparatus which deal with the management of risk relating to
  specified, yet unknown, future events are disclosed. "Sponsor"
  stakeholders (12) specify a particular product relating to an event or
  phenomenon for which there is a range of possible future outcomes.
  "Ordering" stakeholders (13) then offer contracts relating to the
  predetermined phenomenon and corresponding range of outcomes. The offered
  contracts specify an entitlement (or pay-off) at the future time of
  maturity for each outcome, and a consideration (or premium) payable, in
  exchange, to a "counter-party" stakeholder (14). Independently of the
  offered contracts, the "counter-party" stakeholders (14) input data as to
  their view of the likelihood of occurrence of each outcome in the
  predetermined range into the future, or specifically at the predetermined
  date of maturity. Each offered contract is priced by the processing units
  (20) by calculating counter-party premiums from the registered data, and
  a match attempted by a comparison of the offered premium with the
  calculated premiums. Matched contracts can be further traded until
  maturity, and at-maturity processing handles the exchange of entitlement
  as between the matched parties to the contract.

French Abstract
  Le procede et l'appareil decrits permettent d'assurer la gestion de
  risques concernant des evenements a venir et jusqu'alors inconnus. Les
  participants "garants" (12) fournissent la description d'un produit
  specifique concerne par un evenement ou un phenomene pour lesquels on
  peut predire plusieurs issues. Les participants "ordonnateurs" (13)
  proposent alors des contrats prenant en consideration le phenomene tel
  qu'il a ete defini et l'ensemble des issues previsibles. Les contrats
  proposes specifient un droit (ou un dedommagement) a l'echeance de
  chacune des issues a venir, et une provision (ou indemnite) dus, en
  compensation, a un participant "contrepartie" (14). Independamment des
  contrats proposes, les participants "contrepartie" (14) introduisent des
  donnees precisant leurs leurs estimations soit quant a la probabilite de

survenue de chacune des issues previsibles, soit, de facon plus
specifique, quant a cette survenue a la date d'echeance prevue. Le calcul
du prix de chacun des contrats est effectue au moyen d'unites de
traitement (20) qui calculent les indemnites des contreparties a partir
des donnees enregistrees, et un essai d'adaptation est realise sur la
base d'une comparaison entre les indemnites offertes et les indemnites
calculees. Les contrats ayant fait l'objet d'une telle adaptation peuvent
ensuite donner lieu a renegociation jusqu'a la date d'echeance. A la date
d'echeance, le traitement informatique assure la compensation des droits
entre les parties au contrat concernees par l'adaptation.

Main International Patent Class (v7): **G06F-015/21**
International Patent Class (v7): **G06F-15:30**
Fulltext Availability:
  Claims

Claim
... I I
  a . I .

  2 8 SPECIAL Collateralisation Pay
  m
  3 DEALTYPE:
  In
  4
  CONTRACT **CONDITIONS**
   Communications medium: **Computer** -to-computcr Partial **Matches** desired
  7 Yes Unacceptable Count
  Consideration Credit sought ? No Manual Approval of Matches desired ? No

13/5,K/1   **(Item 1 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

01996324
Device and methods for downloading data
Gerat und Verfahren zum Fernladen von Daten
Dispositif et procede pour telechargement de donnees
PATENT ASSIGNEE:
  ASUSTeK Computer Inc., (4118982), 4F, No. 150, Li-Te Rd., Peitou, Taipei
  , (TW), (Applicant designated States: all)
INVENTOR:
  Deng, Ten-Long, 6 Fl., No. 503, Sec. 3, BeiXing Road, ZhuDng, Township,
  Hsinchu County, (TW)
LEGAL REPRESENTATIVE:
  Urner, Peter (52892), TER MEER STEINMEISTER & PARTNER GbR,
  Patentanwalte, Mauerkircherstrasse 45, 81679 Munchen, (DE)
PATENT (CC, No, Kind, Date):   EP 1608124 A2 051221 (Basic)
                               EP 1608124 A3 060104
APPLICATION (CC, No, Date):   EP 2005007403 050405;
PRIORITY (CC, No, Date): CN 200410048952 040610
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
  HU; IE; IS; IT; LI; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; BA; HR; LV; MK; YU
INTERNATIONAL PATENT CLASS (V7): H04L-029/06 ; H04L-029/08
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
  H04L-0029/06   A I F B 20060101 20051006 H EP
  H04L-0029/08   A I L B 20060101 20051116 H EP
  G06F-0017/30   A I L B 20060101 20051116 H EP

ABSTRACT EP 1608124 A3
    A method of downloading data from a network using a network device. A
  network device coupled to a network is first provided. The network device
  uses a network protocol to download data from the network. Next, the
  network device downloads data corresponding to search parameters from the
  network according to the network protocol. The downloaded data can be
  stored on a storage device. The network can be the Internet or a wireless
  one.
ABSTRACT WORD COUNT: 74
NOTE:
  Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 051221 A2 Published application without search report
 Change: 060104 A2 Title of invention (German) changed: 20060104
 Change: 060104 A2 Title of invention (English) changed: 20060104
 Change: 060104 A2 Title of invention (French) changed: 20060104
 Search Report: 060104 A3 Separate publication of the search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English)   200551   675
     SPEC A   (English)   200551   1152
Total word count - document A   1827
Total word count - document B   0
Total word count - documents A + B   1827

...SPECIFICATION device comprises a network protocol for downloading data
  therefrom. The network protocol can be a **peer** -to- **peer** network
  protocol or others. The network device downloads data corresponding to
  search **parameters** according to the **network** protocol. The **search**
  parameters can be entered by **users** or preestablished in the network
  device. The downloaded data is then stored to a storage...

18/5,K/1 **(Item 1 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

01435690
Streaming of data in a peer-to-peer architecture
Datenstrom in einer peer-to-peer Architektur
Flux de donnees dans une architecture pair a pair
PATENT ASSIGNEE:
  NCR International, Inc., (1449484), 1700 South Patterson Boulevard,
    Dayton, Ohio 45479, (US), (Proprietor designated states: all)
INVENTOR:
  Hartop, Scott, 1 Hayes Crescent, London NW11 0DG, (GB)
LEGAL REPRESENTATIVE:
  Williamson, Brian et al (84715), International IP Department, NCR
    Limited, 206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date):   EP 1217803   A1   020626 (Basic)
                                EP 1217803   B1   040428
APPLICATION (CC, No, Date):   EP 2001309084 011025;
PRIORITY (CC, No, Date): GB 31157 001220
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04L-012/56; H04L-012/18
CITED PATENTS (EP B): WO /02345 A; US 5485455 A; US 5640384 A
CITED REFERENCES (EP B):
  JONAS K ET AL: "Audio streaming on the Internet. Experiences with
    real-time streaming of audio streams" INDUSTRIAL ELECTRONICS, 1997.
    ISIE '97., PROCEEDINGS OF THE IEEE INTERNATIONAL SYMPOSIUM ON
    GUIMARAES, PORTUGAL 7-11 JULY 1997, NEW YORK, NY, USA,IEEE, US, 7 July
    1997 (1997-07-07), pages SS71-SS76, XP010265142 ISBN: 0-7803-3936-3;

ABSTRACT EP 1217803 A1
    A method of optimising data streaming in a **peer** -to- **peer**
architecture that comprises a plurality of clients in a chain, a **peer**
-to- **peer** data streaming system having such architecture, and a client
terminal for use in that system. Each **client** , except the last **client**
in the chain, monitors its own **bandwidth** , informs a succeeding **client**
in the chain of that **bandwidth** , **compares** its own **bandwidth** with the
 bandwidth of a preceding **client** in the chain and, in response to a
difference between the compared bandwidths, reorders its position among
the clients in the chain.
    The chain thus dynamically reorganises itself to stream data more
efficiently and with higher, more reliable throughput, reducing the
processing power necessary to stream the data and enabling higher quality
to be achieved compared to the existing essentially client/server
internet infrastructure. This approach also solves the 'bottle-neck'
problem within the cascaded streaming path by continuously organising the
participating terminals into the most efficient configuration, without
interrupting the streamed data.
ABSTRACT WORD COUNT: 162
NOTE:
  Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):
 Application: 020626 A1 Published application with search report
 Examination: 030305 A1 Date of request for examination: 20021227
 Examination: 030319 A1 Date of dispatch of the first examination
                             report: 20030203
 Change: 030917 A1 International Patent Classification changed:
                             20030801
 Grant: 040428 B1 Granted patent
 Oppn None: 050420 B1 No opposition filed: 20050131
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

```
Available Text   Language    Update     Word Count
     CLAIMS A   (English)    200226        974
     CLAIMS B   (English)    200418       1000
     CLAIMS B   (German)     200418       1021
     CLAIMS B   (French)     200418       1167
     SPEC A     (English)    200226       2412
     SPEC B     (English)    200418       2473
Total word count - document A               3387
Total word count - document B               5661
Total word count - documents A + B          9048
```

...ABSTRACT A1
   A method of optimising data streaming in a **peer** -to- **peer**
architecture that comprises a plurality of clients in a chain, a **peer**
-to- **peer** data streaming system having such architecture, and a client
terminal for use in that system. Each **client** , except the last **client**
in the chain, monitors its own **bandwidth** , informs a succeeding **client**
in the chain of that **bandwidth** , **compares** its own **bandwidth** with the
 bandwidth of a preceding **client** in the chain and, in response to a
difference between the compared bandwidths, reorders its...

...SPECIFICATION Against this background, the invention resides in a method
of optimising data streaming in a **peer** -to- **peer** architecture
comprising a plurality of **clients** in a chain, the method comprising
each **client** monitoring its own **bandwidth** , informing a succeeding
client in the chain of that **bandwidth** , **comparing** its own **bandwidth**
with the **bandwidth** of a preceding **client** in the chain and, in
response to a difference between the compared bandwidths, reordering its
...

...the clients in the chain.
   Similarly, the invention can be expressed in terms of a **peer** -to- **peer**
 data streaming system comprising a plurality of clients in a chain, each
client including bandwidth-monitoring means for monitoring its own
bandwidth, communication means for informing a succeeding **client** in the
chain of that **bandwidth** , **comparison** means for **comparing** its own
bandwidth with the **bandwidth** of a preceding **client** in the chain, and
reconfiguration means responsive to a difference between the compared
bandwidths to...

...CLAIMS A1
   1. A method of optimising data streaming in a **peer** -to- **peer**
      architecture comprising a plurality of **clients** in a chain, the
      method comprising each **client** (5) monitoring its own **bandwidth** ,
      informing a succeeding **client** (6) in the chain of that **bandwidth** ,
       comparing its own **bandwidth** with the **bandwidth** of a preceding
      client (4) in the chain and, in response to a difference between the
      compared bandwidths, reordering...

...a client replenishes its local buffer memory after the chain has been
      reordered.
   16. A **peer** -to- **peer** data streaming system comprising a plurality of
      clients in a chain, each client (5) including bandwidth-monitoring
      means for monitoring its own bandwidth, communication means for
      informing a succeeding **client** (6) in the chain of that **bandwidth** ,
       comparison means for **comparing** its own **bandwidth** with the
      bandwidth of a preceding **client** (4) in the chain, and
      reconfiguration means responsive to a difference between the compared
      bandwidths...

01264922
MULTI-PLAYER GAME EMPLOYING DYNAMIC RE-SEQUENCING
JEU A PLUSIEURS PARTICIPANTS METTANT EN OEUVRE UN NOUVELLE MISE EN SEQUENCE
    DYNAMIQUE
Patent Applicant/Assignee:
  NETAMIN COMMUNICATION CORP, 20955 Pathfinder Road, Suite 120, Diamond
    Bar, CA 91765, US, US (Residence), US (Nationality), (For all
    designated states except: US)
Patent Applicant/Inventor:
  WANG Andy, 19211 Lindsay Circle, Walnut, CA 91789, US, US (Residence), US
    (Nationality), (Designated only for: US)
  LAW Gabriel, 1806 Palomino Drive, West Covina, CA 91791, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  WIGHT Todd W (et al) (agent), Morrison & Foerster LLP, 555 West Fifth
    Street, Suite 3500, Los Angeles, CA 90013, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200570012 A2 20050804 (WO 0570012)
  Application: WO 2005US2277 20050124   (PCT/WO US05002277)
  Priority Application: US 2004762935 20040122
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
  PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 5113

English Abstract
  A solution for network latency inherent in a multiplayer online game
  involving more than two players. The solution is a dynamic re-sequencing
  and synchronization mechanism that enables seamless and simultaneous
  participation by remote users, such that an event can have an immediate
  and consequential effect on a related event without the unwanted effects
  resulting from network latency.

French Abstract
  La presente invention a trait a une solution pour le temps d'attente de
  reseau intrinseque dans un jeu en ligne a plusieurs participants
  impliquant plus de deux joueurs. La solution consiste en un nouvelle mise
  en sequence dynamique et un mecanisme de synchronisation permettant la
  participation ininterrompue et simultanee d'utilisateurs eloignes, de
  sorte qu'un evenement peut avoir un effet immediat et correlatif sur un
  evenement associe sans effets indesirables consequents dus au temps
  d'attente de reseau.

Legal Status (Type, Date, Text)
Publication 20050804 A2 Without international search report and to be
                        republished upon receipt of that report.

Fulltext Availability:
  Detailed Description

Detailed Description
... IP addresses of the other remote clients into sets of clients, and
pings the remote **client** or **clients** in each set once per predetermined
period, thereby distributing the **pinging** operation to balance incoming
and outgoing network traffic. More particularly, this solution **matches**
players in proximity (and thereby lower network **latency**) to play each
other, thus exempting the possibility that network latency may affect
gameplay during the game. However, this method only allows **peer** -to-
peer (where action information in the form of data packets are sent from
one player to...

00848432   **Image available**
ANALYSIS OF NETWORK PERFORMANCE
ANALYSE DES PERFORMANCES D'UN RESEAU

Patent Applicant/Assignee:
  OMEGON NETWORKS LTD, P.O. Box 305, 20692 Yokneam Illit, IL, IL
    (Residence), IL (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
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  RACHLEVSKI-REICH Benny, Pinsker Street 53, 32715 Haifa, IL, IL
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  HAREL Yair, Moshav Yaad, 20155 D.N. Misgav, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
  SIDI Moshe, Haim Hazaz Street 1/2, 34996 Haifa, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
  CIDON Israel, Morad Hayasmin 10, 34762 Haifa, IL, IL (Residence), IL
    (Nationality), (Designated only for: US)
Legal Representative:
  COLB Sanford T (et al) (agent), SANFORD T. COLB & CO., P.O. Box 2273,
    76122 Rehovot, IL,

English Abstract
  A method for testing of a communication network (22), using a plurality
  of traffic agents (26, 28, 30) coupled to communicate via the network.
  The method includes transmitting a sequence of data packets via the
  network from a first one of the traffic agents to a second one of the
  traffic agents and recording arrival characteristics of the packets in
  the sequence, responsive to receiving the packets at the second traffic
  agent. The arrival characteristics of different packets in the sequence
  are compared so as to determine a measure of variability in transmission
  of the packets via the network.

French Abstract
  Ce procede d'essai d'un reseau de communication (22) met en oeuvre
  plusieurs agents de trafic (26, 28, 30) couples de maniere a communiquer
  par l'intermediaire du reseau. Le procede comprend les etapes suivantes
  consistant a transmettre une sequence de paquets de donnees, par le biais
  du reseau, d'un premier agent de trafic a un second agent de trafic, a
  enregistrer des caracteristiques d'arrivee des paquets de la sequence,
  par suite de la reception de ces paquets au niveau du second agent de

trafic, et a comparer les caracteristiques d'arrivee des differents
paquets de la sequence, de maniere a determiner une mesure de la
variabilite dans la transmission de paquets par le biais du reseau.

Legal Status (Type, Date, Text)
Publication   20011101 A2 Without international search report and to be
                          republished upon receipt of that report.
Search Rpt   20020425 Late publication of international search report
Republication 20020425 A3 With international search report.
Examination   20021017 Request for preliminary examination prior to end of
                          19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
...   the first computer.

   Alternatively or additionally, running the instance of the application
   includes running a **distributed computing** application on the first
   computer, and exchanging the application data packets includes rurming
   another instance of the application on the second **computer** . Further
   6
   alternatively or additionally, **comparing** the exchange characteristics
   includes **comparing** a **delay** in the exchange of application data
   between the first and second computers relative to the...

00831778   **Image available**
MULTI-PLAYER COMPUTER GAME SYSTEM AND METHOD
SYSTEME ET METHODE DE JEU INFORMATIQUE A PLUSIEURS JOUEURS
Patent Applicant/Assignee:
  ACCLIM ENTERTAINMENT INC, One Acclaim Plaza, Glen Cove, NY 11542, US, US
    (Residence), US (Nationality)
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  CORDERO Angel, 515 Senator Street, Brooklyn, NY 11220, US,
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  POLANCO Alfred, 6024 80th Avenue, #3, Glendale, NY 11385, US,
  MELFI Daniel, 29 Greenport Avenue, Medford, NY 11763, US,
  SCHIPANO Nicodemo, 8343 Shelter Creek Lane, San Bruno, CA 94066, US,
  OUCHAOU Mimoun, 110 Brooklyn Avenue, 1E, Freeport, NY 11520, US,
Legal Representative:
  ROSENTHAL Lawrence (et al) (agent), Stroock & Stroock & Lavan LLP, 180
    Maiden Lane, New York, NY 10038, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200165358 A2-A3 20010907 (WO 0165358)
  Application: WO 2001US5478 20010220 (PCT/WO US0105478)
  Priority Application: US 2000183318 20000217
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-019/00
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 15154

English Abstract
  A multi-player computer game, system and development method that
  facilitate multi-player game play between and among various hardware
  platforms employing various operating systems and communication
  protocols. Special purpose software operable in connection with a
  processor of a client computing device provides a multi-player computer
  game. The special purpose software provides an interface between an
  application module, which provides the functionality for a specific
  multi-player computer game, and the operating system and hardware devices
  and protocols of the client computing device. A multi-player game system
  facilitates multi-player game play between and among a plurality of
  players regardless of the different hardware platforms (i.e., different
  client computing devices) used by the various players.

French Abstract
  L'invention porte sur un systeme et une methode de jeu informatique a
  plusieurs joueurs permettant de pratiquer des jeux a plusieurs entre
  differentes plates-formes materielles utilisant differents systemes
  d'exploitation et protocoles de communication, et des logiciels ad hoc
  exploitables par les processeurs d'ordinateur des clients. Ces logiciels

servent d'interface entre d'une part un module d'application commandant
la marche d'un jeu specifique, et d'autre part le systeme d'exploitation,
les equipements, et les protocoles, des ordinateurs des clients. Ce
systeme permet donc des jeux a plusieurs joueurs independamment de la
nature de leurs plates-formes materielles respectives (c.-a-d. de leurs
ordinateurs) et des protocoles de communication et systemes
d'exploitation associes. Il est par ailleurs possible de mettre au point
de nouveaux modules d'application en utilisant un noyau commun a
plusieurs plates-formes et d'autres techniques de base, simplifiant et
accelerant la mise au point. Il n'est plus necessaire d'effectuer de
codage specifique a chaque systeme d'exploitation, equipement ou
logiciel, et les noyaux communs reutilisables ne necessitent pas d'essai
d'integration pour chacun des nouveaux modules d'application, puisque le
noyau commun a ete prealablement teste puis integre avec plusieurs
plates-formes materielles, systemes d'exploitation, equipements et
protocoles.

Legal Status (Type, Date, Text)
Publication   20010907 A2 Without international search report and to be
                         republished upon receipt of that report.
Search Rpt   20020606 Late publication of international search report
Republication 20020606 A3 With international search report.
Examination   20030731 Request for preliminary examination prior to end of
                         19th month from priority date

Fulltext Availability:
  Detailed Description

Detailed Description
...   and a game 1 5 server 134 (client/server architecture), or between
  client computers 200 (**peer** -to- **peer** architecture).

  The matchmaker server 124 and the matchmaker 208 component provide
  matchmaking functionality to enable a player to locate game servers 134
  in the network 10 that satisfy **player** -defined requirements (e.g., game
  name, number of **players** , rules, **ping** time). The **matchmaker** server
  124 preferably has a database of game servers 134 located in the network
  IO...

```
Set     Items    Description
S1     9196437    NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
                  OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
                  OR TRANSPORT OR TRANSPORTING
S2    14027677    PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
                  DITION? ? OR PARAMETER? ?
S3     7523609    MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4      484044    S1 (5N) S2
S5     8067425    CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
                  ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
                  TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S6    12557050    QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR S-
                  EEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
                  OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCAT-
                  OR? ? OR OBTAIN?? OR OBTAINING OR RETRIEVE? ? OR RETRIEVING OR
                  RETRIEVAL
S7     1252582    PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
                  LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
                  ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
                  A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S8     2621487    NETWORK? OR PEER(2W)PEER OR P2P OR MULTICOMPUTER OR MULTI(-
                  )COMPUTER
S9         727    S3 (10N) S5 (10N) S4
S10        374    S9 NOT PY>1996
S11      44937    (GRID OR DISTRIBUTED OR UTILITY)()COMPUTING
S12        464    S9 AND (S8 OR S11)
S13        215    S12 NOT PY>1996
S14     381334    S1 (3N) S2
S15        503    S3 (10N) S5 (10N) S14
S16        321    S15 AND (S8 OR S11)
S17        138    S16 NOT PY>1996
S18        185    S3 (5N) S5 (5N) S14
S19        101    S18 NOT PY>1996
S20        115    S18 AND (S8 OR S11)
S21         58    S20 NOT PY>1996
S22         46    RD  (unique items)
S23       1865    S3 (5N) S5 (5N) S7
S24        909    S23 AND (S8 OR S11)
S25        440    S6 (5N) S5 (5N) S14
S26        329    S25 AND (S8 OR S11)
S27        168    S26 NOT PY>1996
S28    6854385    APPLICATION? ? OR GAME? ? OR GAMING OR CHAT OR IM OR INSTA-
                  NT()MESSAG?
S29         95    S26 AND S28
S30         52    S29 NOT PY>1996
S31         41    RD  (unique items)
S32         41    S31 NOT S22
File   8:Ei Compendex(R) 1970-2006/Feb W4
          (c) 2006 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2006/Feb
          (c) 2006 ProQuest Info&Learning
File  65:Inside Conferences 1993-2006/Mar 06
          (c) 2006 BLDSC all rts. reserv.
File   2:INSPEC 1898-2006/Feb W4
          (c) 2006 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2006/Dec W2
          (c)2006 Japan Science and Tech Corp(JST)
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File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Feb 24
         (c) 2006 The Gale Group
File   6:NTIS 1964-2006/Feb W3
         (c) 2006 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2006/Feb W2
         (c) 2006 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2006/Feb W4
         (c) 2006 Inst for Sci Info
File  62:SPIN(R) 1975-2006/Feb W2
         (c) 2006 American Institute of Physics
File  99:Wilson Appl. Sci & Tech Abs 1983-2006/Feb
         (c) 2006 The HW Wilson Co.
File  95:TEME-Technology & Management 1989-2006/Feb W4
         (c) 2006 FIZ TECHNIK
File  56:Computer and Information Systems Abstracts 1966-2006/Feb
         (c) 2006 CSA.
File  57:Electronics & Communications Abstracts 1966-2006/Feb
         (c) 2006 CSA.
```

22/5/4   (Item 4 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

03464909   E.I. Monthly No: EI9208106830
  Title: Game   theoretic perspective to flow control in telecommunication
 networks .
  Author: Douligeris, Christos; Mazumdar, Ravi
  Corporate Source: Univ of Miami, Coral Gables, FL, USA
  Source: Journal of the Franklin Institute v 329 n 2 Mar 1992 p 383-402
  Publication Year: 1992
  CODEN: JFINAV   ISSN: 0016-0032
  Language: English
  Document Type: JA; (Journal Article)   Treatment: T; (Theoretical)
  Journal Announcement: 9208

  Abstract: Multiple classes of traffic with differing and often
conflicting requirements arise in an integrated telecommunications
environment as users share the limited existing resources. In this paper, a
game theoretic perspective is presented and analysed as the appropriate
framework for the study of the flow control problem. Using the notion of
power as the performance **criterion** , we **compare** a **network** - Pareto
optimal solution - with two **user** optimal solutions - Nash and Stackelberg
equilibria. The appropriateness of each solution is discussed given the
operating characteristics of the system. A proposed greedy algorithm is
shown to converge to the Nash equilibrium. (Author abstract) 18 Refs.
  Descriptors: *TELECOMMUNICATION--*Traffic; ELECTRIC **NETWORKS** , SWITCHING
--Control; PROBABILITY--Game Theory
  Identifiers: DYNAMIC ROUTING; INTEGRATED **NETWORKS** ; FLOW CONTROL; NODES
  Classification Codes:
  716 (Radar, Radio & TV Electronic Equipment); 703 (Electric Circuits);
713 (Electronic Circuits); 922 (Statistical Methods)
  71 (ELECTRONICS & COMMUNICATIONS); 70 (ELECTRICAL ENGINEERING); 92
(ENGINEERING MATHEMATICS)

22/5/10   (Item 10 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

01005529   E.I. Monthly No: EI8103021468   E.I. Yearly No: EI81017032
   Title: INTRODUCTION TO DATA COMMUNICATIONS SYSTEM PERFORMANCE PARAMETERS.
   Author: Grubb, Dana S.
   Corporate Source: NBS, Washington, DC
   Source: Natl Bur Stand Spec Publ 500-65, Comput Sci and Technol Comput
Perform Eval Users Group (CPEUG), Proc of the 16th Meet, Orlando, Fla, Oct
20-23 1980. Publ by NBS, Washington, DC, Oct 1980. Available from GPO,
Washington, DC p 71-75
   Publication Year: 1980
   CODEN: XNBSAV   ISSN: 0083-1883
   Language: ENGLISH
   Journal Announcement: 8103

   Abstract: An introduction is presented to a set of **user** -oriented data
communication system performance **parameters** that will permit the **user**
to specify, **compare** , and measure data communication service. The set of
parameters is designed to be universal in application for any digital data
communication system regardless of the control protocol or **network**
topology used. This set of parameters is also selected to provide a
comprehensive specification of data communication requirements. The
parameters are based on a similar set of parameters contained in Interim
Federal Standard 1033. The primary parameters are specific measures of
speed (delay and rate), accuracy, and reliability associated with the three
primary functions: access, transfer, and disengagement. 5 refs.
   Descriptors: *COMPUTER **NETWORKS**
   Classification Codes:
   723 (Computer Software)
   72 (COMPUTERS & DATA PROCESSING)

382896 ORDER NO: AAD70-23955
 COMPUTER **-AIDED DESIGN OF DISTRIBUTED** PARAMETER   MATCHING   NETWORKS
  Author: TRENKLE, THOMAS DUDLEY
  Degree: PH.D.
  Year: 1970
  Corporate Source/Institution: THE UNIVERSITY OF IOWA (0096)
  Source: VOLUME 31/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
          PAGE 3414. 282 PAGES
  Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL
  Descriptor Codes: 0544

22/5/23   (Item 9 from file: 2)
DIALOG(R)File   2:INSPEC

02166855   INSPEC Abstract Number: B78013674
  Title: Matching conditions for multiterminal networks **with lumped parameters**
  Author(s): Onishchuk, A.G.
  Abstract: The   derivation   of   transfer   matrices   for   nondissipative
 matching 2n*2- **terminal   networks** with lumped **parameters** A/sub alpha
/, A/sub beta / reduces to the solution of matrix equations of the type
A/sub alpha /K/sub alpha /=LA/sub alpha /, K/sub beta /A/sub beta /=A/sub
beta /L. In this case, the signal transmission **network** possesses extremal
noise and transmission properties, in the sense that these properties
cannot be improved by employing external nondissipative matching devices.
(7 Refs)
  Subfile: B
  Descriptors: impedance matching; lumped parameter **networks** ; matrix
algebra
  Identifiers: multiterminal **networks** ; transfer matrices; nondissipative
matching; signal transmission **network** ; extremal noise; lumped parameter
networks ; matching conditions
  Class Codes: B0210 (Algebra); B1150D (Lumped linear networks)

01080325   INSPEC Abstract Number: B70002477
 Title: Mutual impedance compensation for distance relaying
  Inventor(s): Rockefeller, G.D., Jr.
  Assignee(s): Westinghouse Electric Corp
  Patent Number: US 3430103   Issue Date: 690225
  Application Date: 661027
  Priority Appl. Number: US 589985
  Country of Publication: USA
  Language: English   Document Type: Patent (PT)
  Abstract: In a relaying **network** for parallely arranged polyphase
electrical transmission **networks** , two sets of current input terminals are
adapted for connection to the **networks** . Each set comprises a plurality of
terminals, which is operatively connected to the phases of the **network** . A
zero sequence current responsive relay has input and output connections,
the input is connected to the second **network** to respond to the flow of
zero sequence current. The relay operates in response to the flow of a zero
sequence current through its input connections of a magnitude in excess of
a predetermined minimum magnitude to place its output connections in a
first **condition** . A magnitude **comparison** **network** has two pairs of
input **terminals** and a pair of output **terminals** . It can provide a first
output signal at its output terminals when the magnitude of a first
electrical signal applied to its first pair of input terminals has a
predetermined relation to the magnitude of a second electrical signal
applied to its second pair of input terminals.
  Subfile: B
  Descriptors: transmission **networks**
  Class Codes: B8120E (a.c. transmission)

22/5/33   (Item 3 from file: 95)

01046029 E96117921046
A group communication protocol for distributed network **management systems**
(Ein Gruppenkommunikationsprotokoll fuer verteilte Netz-Managementsysteme)
Kwang-Hui Lee
Changwon Nat. Univ., ROK
Information Highways for a Smaller World and Better Living, Proc. of ICCC
95, 12th Internat. Conf. on Computer Communication, Seoul, Korea, Aug
21-24, 19951996
Document type: Conference paper Language: English
Record type: Abstract
ISBN: 90-5199-240-8

ABSTRACT:
In this paper, a new group communication protocol has been proposed and
implemented for a distributed **network** management system. To reduce
protocol overhead, distributed and hierarchical approaches have been
introduced: the group management function has been split into three
functional entities. Based on this group communication protocol, the
distributed **network** management system has been designed and implemented
in the author's other project in the environment of experimental campus
network (CNUCSNet). The distributed **network** management system designed
has been based on the hierarchical domain approach. This group
communication, therefore, has been designed with a hierarchical and
distributed group management scheme. The performance comparison between
this protocol and other protocols is on the way.

DESCRIPTORS: DATA **NETWORK** ADMINISTRATION; DISTRIBUTED **PARAMETER** SYSTEMS
; **COMMUNICATION** PROTOCOLS; IMPLEMENTATION; SYSTEMS DESIGN; ERROR
RESILIENT SCHEME; SYSTEM RELIABILITY; **COMPUTER** **NETWORKS** ; **COMPARISON**
OF SYSTEMS; MODEL STUDY; COMMUNICATION **NETWORKS**
IDENTIFIERS: GRUPPENKOMMUNIKATION; VERTEILTES NETZ MANAGEMENT; verteiltes
Netz-Management; Gruppenkommunikationsprotokoll

32/5/13   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

05720351   INSPEC Abstract Number: C9409-7440-014
   Title: Hypothesis based creation support and application **to structural modeling**
   Author(s): Hata, S.; Ohkawa, T.; Komoda, N.
   Author Affiliation: Osaka Univ., Japan
   Journal: Transactions of the Institute of Electrical Engineers of Japan, Part C   vol.113-C, no.11   p.996-1004
   Publication Date: Nov. 1993 Country of Publication: Japan
   CODEN: DGRCDZ ISSN: 0385-4221
   Language: Japanese   Document Type: Journal Paper (JP)
   Treatment: Practical (P)
   Abstract: A creativity support method which supplies suitable information from a computer is proposed. The main idea of this method is creativity support by finding hypotheses for an item. Other items, which are connected by the hypotheses, are **retrieved** from the database. These items are given as related information to the **user** . A **network** type database, the **condition** -action **network** , and a hypothesis based **retrieval** algorithm are proposed. The **retrieval** algorithm consists of a connection process which connects items by hypotheses, and a selection process. The selection process selects the influential items from the connected items, using an evaluation function. A structural modeling support system using hypothesis based creation support has been developed. Experience using this system indicates that it helps one to hit on various and unusual items. (12 Refs)
   Subfile: C
   Descriptors: CAD; database management systems; information retrieval; personal computing; structural engineering computing
   Identifiers: hypothesis based creation support; structural modeling; creativity support method; **network** type database; condition-action **network** ; hypothesis based retrieval algorithm; evaluation function; structural modeling support system
   Class Codes: C7440 (Civil and mechanical engineering); C6160 (Database management systems (DBMS)); C7250 (Information storage and retrieval)

32/5/14   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

05498620   INSPEC Abstract Number: B9311-6210M-045
 Title: Quality of service in B-ISDN and relation with network **management**
   Author(s): Jung, J.I.; Seret, D.; Picard, R.
   Author Affiliation: Networks Dept., ENST, Paris, France
   Abstract: A quality of service (QOS) framework for broadband integrated
services   digital   **networks**   (ISDN)   is presented. The framework contains
 network   performance   (NP),   parameters,   QOS   parameters   and   a   QOS
architecture.   The NP **parameters** characterizing an asynchronous **transfer**
 mode   (ATM)   **network**   are reviewed. The QOS parameters are **obtained**   from
the   **user**   's   service   requirements   and   a   QOS time-line model. The QOS
architecture   in the open systems interconnection (OSI) reference model are
defined   with   respect   to the   **network**   management (NM) framework. The QOS
framework   covers   the NM framework and acts an an **application** of the NM,
which   is based on the intercommunication between the service user, service
provider, and **network** provider. (14 Refs)
   Subfile: B
   Descriptors: asynchronous transfer mode; B-ISDN; open systems;
telecommunication **network** management
   Identifiers: ATM **network** ; OSI reference model; B-ISDN; **network**
management; quality of service; broadband integrated services digital
networks ; **network** performance; QOS parameters; QOS architecture;
asynchronous transfer mode; QOS time-line model
   Class Codes: B6210M (ISDN); B6210C (Network management); B6150C (
Switching theory)

32/5/17   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC

01869861   INSPEC Abstract Number: B76011105
  Title: Experimental investigation of the statistical properties of certain magnitudes of the electrical network **of production and transmission**
   Author(s): Basaldella, F.; Di Caprio, U.
   Author Affiliation: ENEL, Milano, Italy
   Abstract: The experimental results of an evaluation of certain important statistical properties of electrical quantities of the ENEL 220/380 kV **network** are presented. They have been obtained by the use of sophisticated fast-response transducers, active filters and digital recording on magnetic tape using **computer** 'smoothing'. Important results relating to dynamic **network** behaviour under disturbed **conditions** ('hunting' between **machines**), have been **obtained** , discriminating between 'slow' oscillations due to load changes and 'fast' hunting. (10 Refs)
   Subfile: B C
   Descriptors: electrical engineering **applications** of computers; high-voltage techniques; statistical analysis; transmission **net**works
   Identifiers: statistical properties; 220/380 kV **network** ; dynamic **network** behaviour; hunting between machines; fast response transducers; electrical engineering **applications** of computers; power transmission **network**
   Class Codes: B8120   (Power transmission, distribution and supply); C7410B (Power engineering)

```
Set     Items    Description
S1      121061   (NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSM-
                 IT OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION
                 OR TRANSPORT OR TRANSPORTING)(3N)(PROPERTY OR PROPERTIES OR -
                 ATTRIBUTE? ? OR CRITERION OR CONDITION? ? OR PARAMETER? ?)
S2      7351852  MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S3      22358574 CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
                 ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
                 TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S4      915495   (QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR -
                 SEEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
                 OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCA-
                 TOR? ? OR RETRIEVE? ? OR RETRIEVING OR RETRIEVAL)(5N)S3
S5      2206074  PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
                 LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
                 ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
                 A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S6      93298    PEER()TO()PEER OR P2P OR MULTICOMPUTER OR (GRID OR DISTRIB-
                 UTED OR UTILITY)()COMPUTING OR MULTI()COMPUTER
S7      72       S2 (5N) S3 (5N) S1
S8      29       S7 NOT PY>1996
S9      25       RD  (unique items)
S10     94       S4 (5N) S1
S11     49       S10 NOT PY>1996
S12     35       RD  (unique items)
S13     34       S12 NOT S9
S14     2193     S2 (5N) S3 (5N) S5
S15     1        S14 (30N) S6
File  88:Gale Group Business A.R.T.S. 1976-2006/Feb 27
         (c) 2006 The Gale Group
File 369:New Scientist 1994-2006/Aug W4
         (c) 2006 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2006/Mar 04
         (c) 2006 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2006/Mar 06
         (c) 2006 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2006/Mar 06
         (c) 2006 The Gale Group
File   9:Business & Industry(R) Jul/1994-2006/Feb 28
         (c) 2006  The Gale Group
File  13:BAMP 2006/Feb W4
         (c) 2006  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2006/Mar 06
         (c) 2006 Business Wire.
File 647:CMP  Computer Fulltext 1988-2006/Mar W1
         (c) 2006 CMP Media, LLC
File  98:General Sci Abs 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2006/Mar 03
         (c)2006 The Gale Group
File 634:San Jose Mercury  Jun 1985-2006/Mar 04
         (c) 2006 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2006/Mar 03
         (c) 2006 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2006/Mar 03
         (c) 2006 The Gale group
File  75:TGG Management Contents(R) 86-2006/Feb W4
         (c) 2006 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2006/Mar 03
         (c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Mar 03
```

...   rules should be executed on a given cycle--is now handled solely by
the pattern- **matching** process that **compares** active **nodes** in the
network to **conditions** of rules. Several factors, such as level of
activation of nodes, the "strength" of rules...

...TEXT: contains the name of the input file (.PCB), output file (.PCB),
report file (.LOG) and **routing** setup **parameters** . A browse command lets
the **user** select from all files that **match** the pertinent extension.

GRIDS. This is probably the most versatile area of Route PRO and...

00334538 86-34952
A Fundamental Approach to the Basics of Networking
Wlosinski, Larry G.
Data Management v24n9 PP: 13-19 Sep 1986
ISSN: 0148-5431 JRNL CODE: DMG

...ABSTRACT: can be single or multitasking, but not all multiuser systems
allow multitasking for the individual **user** . When a **communications**
program is loaded, **parameters** must be set to **match** those of the other
machines . Some micros or terminals can be connected to emulate the
mainframe. In setting up a...

9/3,K/9   (Item 2 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

04713785   Supplier Number: 46940247   (USE FORMAT 7 FOR FULLTEXT)
Adapters Unveiled: Fast Ethernet cards boost reliability
InformationWeek, p120
Dec 2, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 149

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...adapter, which supports the PCI bus architecture, is designed to boost
the reliability of these **machines** even under congested **network**
conditions , so that they can **compare** more favorably with higher-cost,
midrange servers.

08529192   SUPPLIER NUMBER: 18094753   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software genetically sorts neural nets. (BioComp's NeuroGenesis technology)
  (Technology Information)
Johnson, R. Colin
Electronic Engineering Times, n892, p38(2)
March 11, 1996
ISSN: 0192-1541   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1116   LINE COUNT: 00091

...ABSTRACT: networks and tries out each one, generation after generation,
until an optimal one is located. **Users** set the desired **parameters** for
their neural **networks** and the software finds the appropriate **match** . The
software supports tabular and graphical displays so technicians can study
and observe the NeuroGenesis...

9/3,K/18   (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

07173015   SUPPLIER NUMBER: 14921451   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Network strives to make B&Bs easier to book. (The National Network,
  association of bed-and-breakfast reservation services) (Brief Article)**
Golden, Fran
Travel Weekly, v53, n4, p94(1)
Jan 17, 1994
DOCUMENT TYPE: Brief Article   ISSN: 0041-2082   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 356   LINE COUNT: 00029

...   smoking or nonsmoking accommodations and any pet allergies.
     Using the data on the form, the **member** reservations services can
help agencies **match** their **clients** with pre-inspected **properties** .
     The National **Network** recently surveyed travelers and found 25% of
those staying at bed-and-breakfast establishments last...

13/3,K/1   (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.

02442474   SUPPLIER NUMBER: 08330644
**EC Commission communication on establishing an information services market.
  (European Community rational for internal information services market)
  (transcript)**
Communications of the ACM, v33, n4, p426(7)
April, 1990
DOCUMENT TYPE: transcript   ISSN: 0001-0782   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4425   LINE COUNT: 00406

...   the following matters:
       * Harmonization of procedures for connection to networks and hosts,
       * automatic identification by **networks** of the configuration
parameters of **terminal** equipment.
       * harmonization of documentary **search** software commands,
       * harmonization of formats for data transfer by diskette and by
downloading and harmonization...

13/3,K/2   (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01906407
Mapcon Takes On Factory Network Comfiguration
Electronics   April 14, 1988   p. 95,96
ISSN: 0883-4989

   ...will ask users to specify 62 separate parameters for each station on
a network. MAPcon **queries** the **user** on some 6 key **parameter** settings
for each **network** station, and then graphically develops the remaining
parameter settings. The program has an icon-based...

13/3,K/3   (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0542693 94-99564
**Network Systems Corp. introduces Networks-On-Demand(TM) on new Enterprise
    Routing Switch**
Amodeo, Mary Ellen
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 941108
WORD COUNT: 752
DATELINE: Washington, DC, US

TEXT:

    ...and money required to complete those tasks. It builds logical
networks by interrogating the data, **seeking** common attributes and
assigning **users** whose data share those **attributes** to a **network** ," said
Mark Cree, Network Systems marketing group manager, routers and switches.

    ERS addresses three high...

01115038 97-64432
Harris and FPL partner to develop trouble call management system
Anonymous
Transmission & Distribution v47n11 PP: 12 Oct 1995
ISSN: 0041-1280 JRNL CODE: TMD
WORD COUNT: 244

...TEXT: and switching orders to the appropriate distribution control
center dispatcher and field investigator and present **network** data,
conditions and work tickets to mobile **computers**   **located** in FPL trouble
trucks. TCMS II will support a coordinated operation with multiple control
centers...

13/3,K/11   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04279674   Supplier Number: 46270211   (USE FORMAT 7 FOR FULLTEXT)
Picture-perfect networks, part 1
InfoWorld, p078
April 1, 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3435

...   s GrafBase, suddenly disappeared from the market last month.
GrafBase had strong WAN capabilities, allowing **users** to **query** **network**
devices by geographical **attributes** , such as area codes. The technology in
GrafBase has been sold to Computer Associates International...

13/3,K/13   (Item 4 from file: 16)

03640762   Supplier Number: 45135935   (USE FORMAT 7 FOR FULLTEXT)
**ATM: NETWORK SYSTEMS CORP. INTRODUCES NETWORKS-ON-DEMAND ON NEW ENTERPRISE
  ROUTING SWITCH: SINGLE PLATFORM COMBINES ROUTING & SWITCHING WITH ATM
  CONNECTIVITY**
EDGE, on & about AT&T, v9, n329, pN/A
Nov 14, 1994
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 740

...   and money required to complete those tasks. It builds logical
networks by interrogating the data, **seeking** common attributes and
assigning **users** whose data share those **attributes** to a **network** ," said
Mark Cree, Network Systems marketing group manager, routers and switches.
     ERS ADDRESSES THREE HIGH...

13/3,K/15   (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

02678472   Supplier Number: 43573716 (USE FORMAT 7 FOR FULLTEXT)
Canada Votes With LANtastic
CommunicationsWeek, p19
Jan 11, 1993
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 536

...   well as to network resources.
    Banyan has added object-oriented enhancements to StreetTalk that let
network managers assign multiple **attributes** to **users** and resources and
 search StreetTalk directories for specific combinations of attributes.
These features will be officially released along with...

13/3,K/16   (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02677782   Supplier Number: 43572853 (USE FORMAT 7 FOR FULLTEXT)
BANYAN ANNOUNCES STREETTALK III
News Release, p1
Jan 11, 1993
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 934

...   attributes about any object on the network.

Advanced Object Search

With the new advanced object **search** feature, **users**
and administrators
can **find** any object on the **network** based on its **attributes** . For
example, a **user** may now command a **search**
such as "Locate a Postscript
printer with plain paper loaded on the 3rd floor." A...

13/3,K/18   (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0442972   BW0011

**NETWORK SYSTEMS: Network Systems Corp. introduces Networks-on-Demand(TM) on
    new Enterprise Routing Switch: Single platform combines routing and
    switching with ATM connectivity**

November 08, 1994

Byline: Business Editors & Computer Writers

    ...and money required to
complete those tasks. It builds logical networks by interrogating
the data, **seeking** common attributes and assigning **users** whose data
share those **attributes** to a **network** ," said Mark Cree, Network
Systems marketing group manager, routers and switches.
    ERS addresses three high...

0313538   BW794

**BANYAN SYSTEMS 2: Banyan announces StreetTalk III; next generation of the
    industry-leading global directory service**

January 11, 1993

Byline: Business Editors

    ...attributes about any object on the network.
Advanced Object Search
    With the new advanced object **search** feature, **users** and
administrators can **find** any object on the **network** based on its
 attributes . For example, a **user** may now command a **search** such as
"Locate a Postscript printer with plain paper loaded on the 3rd
floor." A...

13/3,K/23   (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2006 CMP Media, LLC. All rts. reserv.

00541579   CMP ACCESSION NUMBER: CWK19930111S5513
Profile-Canada Votes With LANtastic
MICHAEL DORTCH
COMMUNICATIONSWEEK, 1993, n 436, 19
PUBLICATION DATE: 930111
JOURNAL CODE: CWK   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Local Area Networks
WORD COUNT: 534

...   well as to network resources.
    Banyan has added object-oriented enhancements to StreetTalk that let
 network managers assign multiple **attributes** to **users** and resources
and **search** StreetTalk directories for specific combinations of
attributes. These features will be officially released along with...

13/3,K/24   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08573108   SUPPLIER NUMBER: 18155239   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Picture-perfect networks. (PinPoint Software's ClickNet Professional 2.3,
  Microsystems Engineering's SysDraw The Network Illustrator, Visio's Visio
  Technical 4.0 and Vision Shapes for Network Equipment network diagramming
  tools) (includes related articles on results at a glance, how products
  were tested)(includes comparison table and related articles on results
  and how the products were tested) (Software Review)(Evaluation)
Pickens, David
InfoWorld, v18, n14, p78(8)
April 1, 1996
DOCUMENT TYPE: Evaluation   ISSN: 0199-6649   LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7562   LINE COUNT: 00611

...   s GrafBase, suddenly disappeared from the market last month.
GrafBase had strong WAN capabilities, allowing **users** to **query   network**
devices by geographical **attributes** , such as area codes. The technology in
GrafBase has been sold to Computer Associates International...

13/3,K/27   **(Item 4 from file: 148)**
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

06742051   SUPPLIER NUMBER: 14617973   (USE FORMAT 7 OR 9 FOR FULL TEXT)
SNA: Wellfleet expands IBM internetworking strategy for smooth SNA
  multiprotocol integration. Reaffirms commitment to IBM DLSW & APPN
  standards. (Wellfleet Communications to implement IBM standards in router
  product line) (Systems Network Architecture, Data Link Switching,
  Advanced Peer-to-Peer Networking)
EDGE, on & about AT&T, v8, n272, p36(1)
Oct 11, 1993
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 782   LINE COUNT: 00073

...   device errors, provide ring status information, and ensure that all
end stations are using common **parameters** . Additionally, LAN **Network**
Manager can **query** a Wellfleet **node** as a managed device.
    TOKEN RING-TO-ETHERNET CONVERSION Today, many enterprise
internetworking environments contain...

13/3,K/29   (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

05226598   SUPPLIER NUMBER: 10884873   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**The future of intelligent, networked ACDs. If you wanted to link ACDs and
  call centers into a single system, how would it work? Here's one
  perspective on what is to come. (automatic call distribution)**
Bergman, David
Business Communications Review, v21, n5, p47(6)
May, 1991
ISSN: 0162-3885   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 4430   LINE COUNT: 00431

...   simpler scheme is to specify the rules for routing a call and
program them into **lookup** tables at each **node** . As **network   conditions**
change, each node alters its routing patterns in response to the new
environment. This technique...

13/3,K/32   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

01996992   Supplier Number: 43589608   (USE FORMAT 7 FOR FULLTEXT)
**LAN WORLD: BANYAN ANNOUNCES STREETTALK III; NEXT GENERATION OF GLOBAL
  DIRECTORY SERVICE**
EDGE: Work-Group Computing Report, v4, n139, pN/A
Jan 18, 1993
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 818

...   attributes about any object on the network.
    ADVANCED OBJECT SEARCH
    With the new advanced object **search** feature, **users** and
administrators can **find** any object on the **network** based on its
attributes . For example, a **user** may now command a **search** such as
"Locate a Postscript printer with plain paper loaded on the 3rd floor." A
...

15/3,K/1   (Item 1 from file: 15)

Impact Of P2P On Networks
Passmore, David

...ABSTRACT: file to simultaneously upload their received fragments to
other users. The rate at which a **user** can download file fragments is
automatically limited to **match** their upload **bandwidth** . Some cable
operators and few Internet services offer limited video-on-demand today.
But **P2P** networks promise much more efficient distribution that uses
existing broadband networks. The biggest bandwidth impact...

```
Set       Items    Description
S1        17308    NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
                   OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
                   OR TRANSPORT OR TRANSPORTING
S2         3125    PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
                   DITION? ? OR PARAMETER? ?
S3         2528    MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4          110    S1 (5N) S2
S5        28285    CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
                   ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
                   TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S6        10536    QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR S-
                   EEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
                   OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCAT-
                   OR? ? OR OBTAIN?? OR OBTAINING OR RETRIEVE? ? OR RETRIEVING OR
                   RETRIEVAL
S7         1829    PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
                   LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
                   ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
                   A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S8          914    PEER(2W)PEER OR P2P OR MULTICOMPUTER OR (GRID OR DISTRIBUT-
                   ED OR UTILITY)()COMPUTING OR MULTI()COMPUTER
S9            1    S3 (10N) S5 (10N) S4
S10           8    S6 (10N) S5 (10N) S4
S11           8    RD  (unique items)
S12          37    (S3 OR S6) (10N) S5 (10N) S7
S13           1    S12 NOT RD>19960321
File 256:TecInfoSource 82-2006/Feb
```

9/5/1
DIALOG(R)File 256:TecInfoSource 82-2006/Feb
(c) 2006 Info.Sources Inc. All rts. reserv.

00155030   DOCUMENT TYPE: Review

PRODUCT NAMES: SCADA   (803146)

TITLE: SCADA, RTU protocols
AUTHOR: Sheble, Nicholas Kalapatapu, Rao
SOURCE: InTech,   v52 n4   p63(1) Apr 2005
ISSN: 0192-303X
HOMEPAGE: http://www.isa.org

RECORD TYPE: Review
REVIEW TYPE: Product Analysis

Modbus, Modbus X, Distributed network protocol (DNP), ASCII, and IEEE 60870
are highlighted in a discussion of availability of drivers and programming
software that can exist from many or all SCADA system vendors due to open
industry standard emerging protocols and networks. RTU/PLC protocols are
becoming virtual standards in modern SCADA systems. Local area
networks/protocols from sensors/field devices to the PLC/RTU and from
PLC/RTU to SCADA are sensor networks, fieldbus nets, controls nets, and
safety buses. A significant portion of any complex SCADA system design
requires the **matching** of protocol and **communication   parameters**
between connecting devices. There are approximately 200 real-time **user**
layer and application protocols. They are proprietary and non-proprietary
protocols, and some included are Allen Bradley DF1, DH, and DH+, GE Fanuc,
Siemens SINAUT, Mitsubishi, Modbus RTU/ASCII, Omron, Toshiba, and
Westinghouse. Modbus is the virtual standard for RTU and PLC communications
but cannot handle large positive and negative numbers. Therefore, many
companies have expanded the protocol, including Bristol, Daniels, and
ENRON. With the universal Modbus X expanded protocol, experimentation with
different proprietary expansions of the protocol is no longer necessary.

COMPANY NAME: TecTerms   (999999)
DESCRIPTORS: Industrial Automation; Remote Control; Sensors; Standards
REVISION DATE: 20060100

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

011424880   **Image available**
WPI Acc No: 1997-402787/199737
XRPX Acc No: N97-334959
  Network unicast WAN server-group messaging method - involves group
  messaging server aggregating contents of received messages to reduce
  message traffic between hosts
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N); HEARME (HEAR-N)
Inventor: KWIATKOWSKI M P; **ROTHSCHILD J J** ; **SAMUEL D J**
Number of Countries: 075 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9728502	A1	19970807	WO 97US567	A	19970121	199737	B
AU 9717471	A	19970822	AU 9717471	A	19970121	199801	
			WO 97US567	A	19970121		
US 5822523	A	19981013	US 96595323	A	19960201	199848	
US 6018766	A	20000125	US 96595323	A	19960201	200012	
			US 97896797	A	19970718		
JP 2000504133	W	20000404	JP 97527663	A	19970121	200027	
			WO 97US567	A	19970121		
EP 1012724	A1	20000628	EP 97904759	A	19970121	200035	
			WO 97US567	A	19970121		
US 6226686	B1	20010501	US 96595323	A	19960201	200126	
			US 97896797	A	19970718		
			US 99407371	A	19990928		

Priority Applications (No Type Date): US 96595323 A 19960201; US 97896797 A
  19970718; US 99407371 A 19990928
Cited Patents: US 5079767; US 5309433; US 5309437; US 5329619; US 5361256
Patent Details:

Patent No	Kind Lan Pg	Main IPC	Filing Notes
WO 9728502	A1 E 64	G06F-013/00	

    Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
    CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
    MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ
    VN
    Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE
    LS LU MC MW NL OA PT SD SE SZ UG

AU 9717471	A	G06F-013/00	Based on patent WO 9728502
US 5822523	A	H04H-001/02	
US 6018766	A	G06F-013/00	Cont of application US 96595323
			Cont of patent US 5822523
JP 2000504133	W 69	G06F-013/00	Based on patent WO 9728502
EP 1012724	A1 E	G06F-013/00	Based on patent WO 9728502

    Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
    MC NL PT SE

US 6226686	B1	G06F-015/16	Cont of application US 96595323
			Cont of application US 97896797
			Cont of patent US 5822523
			Cont of patent US 6018766

Abstract (Basic): WO 9728502 A
      The message provision method involves providing a group messaging
    server coupled to the network communicating with the hosts using the
    unicast messages and maintaining a list of message groups containing at
    least one host computer. A message is sent by a first host belonging to
    a first message group via the unicast network. The message contains a
    payload portion and a portion for identifying the first message group.
    The server transmits via the unicast network the payload portion to the
    selected host computers belonging to the first group.
      In an interactive application, the group messaging server
    aggregates the contents of each message received during a specified

time period and then sends an aggregated message to the target hosts, reducing latency in communication between hosts.

USE - For group messaging systems and methods for reducing message rate and latency.

Dwg.10/11

Title Terms: NETWORK; WAN; SERVE; GROUP; MESSAGING; METHOD; GROUP; MESSAGING; SERVE; AGGREGATE; CONTENT; RECEIVE; MESSAGE; REDUCE; MESSAGE; TRAFFIC; HOST

Derwent Class: T01; W01

International Patent Class (Main): **G06F-013/00 ; G06F-015/16 ;** H04H-001/02

International Patent Class (Additional): H04L-012/18

File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

010790416   **Image available**
WPI Acc No: 1996-287369/199629
XRPX Acc No: N96-241174
   **Management system for internal execution threads in process - using
   framework and mechanism for structuring e.g telephone exchange software
   such that handling of real-time behaviour of application is simplified**
Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF)
Inventor: **WOLF M**
Number of Countries: 028 Number of Patents: 016
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9618148	A1	19960613	WO 95SE1480	A	19951208	199629	B
AU 9642769	A	19960626	AU 9642769	A	19951208	199641	
NO 9702596	A	19970717	WO 95SE1480	A	19951208	199739	
			NO 972596	A	19970606		
EP 796462	A1	19970924	EP 95941307	A	19951208	199743	
			WO 95SE1480	A	19951208		
FI 9702406	A	19970805	WO 95SE1480	A	19951208	199745	
			FI 972406	A	19970606		
BR 9509892	A	19971230	BR 959892	A	19951208	199807	
			WO 95SE1480	A	19951208		
AU 695271	B	19980813	AU 9642769	A	19951208	199844	
MX 9703999	A1	19970901	MX 973999	A	19970530	199850	
JP 10510641	W	19981013	WO 95SE1480	A	19951208	199851	
			JP 96517543	A	19951208		
KR 98700610	A	19980330	WO 95SE1480	A	19951208	199901	
			KR 97703853	A	19970609		
US 5961584	A	19991005	WO 95SE1480	A	19951208	199948	
			US 97849554	A	19970602		
CN 1169192	A	19971231	CN 95196681	A	19951208	200168	
EP 796462	B1	20020828	EP 95941307	A	19951208	200264	
			WO 95SE1480	A	19951208		
DE 69527978	E	20021002	DE 95627978	A	19951208	200273	
			EP 95941307	A	19951208		
			WO 95SE1480	A	19951208		
KR 421797	B	20040520	WO 95SE1480	A	19951208	200460	
			KR 97703853	A	19970609		
CN 1096027	C	20021211	CN 95196681	A	19951208	200528	

Priority Applications (No Type Date): SE 944294 A 19941209
Cited Patents: 1.Jnl.Ref; EP 537721; US 5057996
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9618148	A1	E	42	G06F-009/46	

   Designated States (National): AU BR CA CN FI JP KR MX NO SG US
   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
   PT SE

AU 9642769	A			G06F-009/46	Based on patent WO 9618148
NO 9702596	A			G06F-009/46	
EP 796462	A1	E		G06F-009/46	Based on patent WO 9618148

   Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI NL SE

FI 9702406	A			G06F-000/00	
BR 9509892	A			G06F-009/46	Based on patent WO 9618148
AU 695271	B			G06F-009/46	Previous Publ. patent AU 9642769
					Based on patent WO 9618148
MX 9703999	A1			G06F-009/46	
JP 10510641	W		48	G06F-009/46	Based on patent WO 9618148
KR 98700610	A			G06F-009/46	Based on patent WO 9618148
US 5961584	A			G06F-009/46	Based on patent WO 9618148
CN 1169192	A			G06F-009/46	
EP 796462	B1	E		G06F-009/46	Based on patent WO 9618148

```
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI NL SE
DE 69527978    E        G06F-009/46    Based on patent EP 796462
                                       Based on patent WO 9618148
KR 421797      B        G06F-009/46    Previous Publ. patent KR 98000610
                                       Based on patent WO 9618148
CN 1096027     C        G06F-009/46
```

Abstract (Basic): WO 9618148 A
    The method for managing internal execution threads involves driving
the execution threads by process internal event messages. The messages
are distributed to event receiving threads (1208- 1212) based upon
distribution categories of event generating functions, and are
performed only to event receiving threads which have interest in
internal messages, and cause monitoring of the occurrence of the
events.
    A number of event receiving threads, a number of entities (1228-
1238) representing one or more monitoring for one event generating
function to an event receiving thread, a number of second entities
(1216-1220) representing a monitoring for event generating functions of
the distribution category, and a third entity (1214) for keeping track
of all event receiving threads that have monitored the distribution
category, are associated with each distribution category,
    USE/ADVANTAGE - Managing internal execution threads in process e.g
during telephone call, in telecommunications data system, by providing
framework and mechanism for structuring telephone exchange software
such that real-time behaviour of application is easier to handle, and
complexity of software is reduced.
    Dwg.12/20
Title Terms: MANAGEMENT; SYSTEM; INTERNAL; EXECUTE; THREAD; PROCESS;
  FRAMEWORK; MECHANISM; STRUCTURE; TELEPHONE; EXCHANGE; SOFTWARE; HANDLE;
  REAL; TIME; BEHAVE; APPLY; SIMPLIFY
Derwent Class: T01; W01
International Patent Class (Main): **G06F-000/00** ; **G06F-009/46**
International Patent Class (Additional): **G06F-015/16**
File Segment: EPI

008784732   **Image available**
WPI Acc No: 1991-288747/199140
XRAM Acc No: C91-124896
XRPX Acc No: N91-221012
  **Programmable control system for machine tools and textile plant - has
  step by step checking to determine cycle point based upon actual status**
Patent Assignee: AKAD WISS INFO RECH (DEAK); TECH UNIV MARX-K (UYMA-N);
  VEB TEXTIMA ELTRN MARX-K (TEXT-N)
Inventor: MATTHES W; STEINBACH B; **WOLF M**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
DD 289835   A   19910508 DD 334860   A   19891127 199140 B

Priority Applications (No Type Date): DD 334860 A 19891127

Abstract (Basic): DD 289835 A
        A system is used for the execution of complex control cycles of the
    type encountered on machine tools or textile machinery. The status of
    the machine is defined for all stages of the operating cycle. A step by
    step checking procedure is carried out to determine cycle point based
    upon the actual status.
        ADVANTAGE - Provides programmable control of machine processes.
    (38pp Dwg.No.1/30)
Title Terms: PROGRAM; CONTROL; SYSTEM; MACHINE; TOOL; TEXTILE; PLANT; STEP;
  STEP; CHECK; DETERMINE; CYCLE; POINT; BASED; ACTUAL; STATUS
Derwent Class: F07
International Patent Class (Additional): **G06F-015/34**
File Segment: CPI

```
Set       Items    Description
S1         113     AU='GRIMM S' OR AU='GRIMM S M'
S2          48     AU='GRIMM, S' OR AU='GRIMM, S.'
S3          36     AU='ROTHSCHILD J' OR AU='ROTHSCHILD J J'
S4           2     AU='ROTHSCHILD JEFFREY'
S5           9     AU='ROTHSCHILD, J.'
S6         864     AU='SAMUEL D' OR AU='SAMUEL D J'
S7         100     AU='SAMUEL, D.' OR AU='SAMUEL, D. J.'
S8           5     AU='SAMUEL, D.J.' OR AU='SAMUEL, DAN J.'
S9          34     AU='WOLF MICHAEL'
S10       2293     AU='WOLF M' OR AU='WOLF M A'
S11       1328     AU='WOLF, M' OR AU='WOLF, M.' OR AU='WOLF, M. A.'
S12         29     AU='WOLF, M.A.'
S13         27     AU='WOLF, MICHAEL' OR AU='WOLF, MICHAEL A.'
S14       4885     S1:S13
S15         84     S14 AND NETWORK?
S16          0     S14 AND PEER()TO()PEER
S17         23     S15 NOT PY>1996
S18         17     RD   (unique items)
S19          1     S14 AND (MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
                   )(5N)(CLIENT? ? OR PLAYER? ? OR USER? ?)
File    2:INSPEC 1898-2006/Feb W3
          (c) 2006 Institution of Electrical Engineers
File    6:NTIS 1964-2006/Feb W2
          (c) 2006 NTIS, Intl Cpyrght All Rights Res
File    8:Ei Compendex(R) 1970-2006/Feb W3
          (c) 2006 Elsevier Eng.  Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2006/Feb W4
          (c) 2006 Inst for Sci Info
File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File   35:Dissertation Abs Online 1861-2006/Feb
          (c) 2006 ProQuest Info&Learning
File   65:Inside Conferences 1993-2006/Mar 01
          (c) 2006 BLDSC all rts. reserv.
File   94:JICST-EPlus 1985-2006/Dec W1
          (c)2006 Japan Science and Tech Corp(JST)
File   99:Wilson Appl. Sci & Tech Abs 1983-2006/Feb
          (c) 2006 The HW Wilson Co.
File  144:Pascal 1973-2006/Feb W1
          (c) 2006 INIST/CNRS
File  636:Gale Group Newsletter DB(TM) 1987-2006/Mar 02
          (c) 2006 The Gale Group
```

06557929   INSPEC Abstract Number: B9705-6250G-045, C9705-7410F-158
   Title: A fast simulation approach for availability study of FAA networks
in support of GPS guided navigation
   Author(s): Xiaowei Yang; **Wolf, M.** ; Rozen, N.
   Author Affiliation: RMS Technol. Inc., Washington, DC, USA
   Conference Title: Proceedings of the 1995 Summer Computer Simulation
Conference. Twenty-Seventh Annual Summer Computer Simulation Conference
p.841-6
   Editor(s): Oren, T.I.; Birta, L.G.
   Publisher: SCS, San Diego, CA, USA
   Publication Date: 1995   Country of Publication: USA   xxi+1136 pp.
   Material Identity Number: XX95-01976
   Conference   Title: Proceedings   of   1995   Summer   Computer   Simulation
Conference
   Conference   Date: 24-26   July   1995   Conference   Location: Ottawa, Ont.,
Canada
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)

   Abstract: Availability analysis for large and complex telecommunications
 networks   can be very tedious. Graph theory may sometimes be useful, but
if   the   **network**   structure is as complex as that in the Federal Aviation
Administration   (FAA) National Airspace System (NAS), availability study of
the   entire   **network**   may not be something everyone can enjoy. Monte Carlo
simulation   methods   can usually produce a fairly accurate result with high
confidence.   However, since the   **networks**   are highly reliable systems, the
speed   of   simulation,   even   with   a   powerful   computer,   can   render the
simulation approach impractical. We propose to use a fast simulation method
for   an   availability   study   of   the   FAA   telecommunications   **network**   in
support   of   the Wide-Area Augmentation System (WAAS) that will be used for
GPS navigation. The core of the fast simulation is the change of transition
probability   distributions   such   that the probability of the occurrence of
the rare event (**network**   breakdown) is increased during the simulation and
the   individual   rare event is properly scaled after each repetition of the
simulation.   A Markovian model of birth-death process (of unavailable links
and   nodes)   is   adopted   so   that   a   systematic   change   of   transition
probabilities can be implemented. Analytical lower and upper bounds for the
estimation,   by   simulation,   are   obtained. An upper bound of the estimation
variance,   derived   from   the optimal probability change, is also obtained.
This fast simulation methodology is extended to be applicable to any system
whose   dynamics   can   be   modeled   as an independent incremental stochastic
process.   (6 Refs)
   Subfile: B C
   Descriptors: aerospace computing; discrete event simulation; Global
Positioning System; Monte Carlo methods; telecommunication computing
   Identifiers: fast simulation approach; availability study; FAA **networks**
; GPS guided navigation; availability analysis; telecommunications
networks ; graph theory; **network**   structure; Monte Carlo simulation
methods; highly reliable systems; simulation approach; estimation variance;
FAA telecommunications **network** ; Wide-Area Augmentation System; optimal
probability change; transition probability distributions; rare event;
network   breakdown; Markovian model; birth-death process; independent
incremental stochastic process
   Class Codes: B6250G (Satellite relay systems); B6330   (Radionavigation
and direction finding); B0240G (Monte Carlo methods); C7410F (
Communications computing); C7460   (Aerospace engineering computing); C6185
(Simulation techniques); C1140G (Monte Carlo methods)

06463882   INSPEC Abstract Number: B9702-6210L-067, C9702-7160-017
  **Title: Telecooperation in product development-chances and risks of
intercorporate** networks
  Author(s): Springer, J.; Herbst, D.; Kremer, M.; Schlick, C.; **Wolf, M.** ;
Luczak, H.
  Author Affiliation: Inst. of Ind. Eng. & Ergonomics, Aachen Univ. of
Technol., Germany
  Conference Title: Proceeding of the International Symposium Work in the
Information Society   p.192-201
  Editor(s):   Rantanen,   J.;   Lehtinen,   S.;   Huuhtanen,   P.;   Harma,   M.;
Laitinen, H.; Lehtela, J.
  Publisher: Finnish Inst. Occupational Health, Helsinki, Finland
  Publication Date: 1996 Country of Publication: Finland   iii+215 pp.
  Material Identity Number: XX96-01290
  Conference Title: Proceedings of International Symposium on Work in the
Information Society
  Conference Date: 20-22 May 1996   Conference Location: Helsinki, Finland
  Availability: Finnish Inst. Occupational Health, Topeliuksenkatu 41a A,
FIN-00250 Helsinki, Finland
  Language: English   Document Type: Conference Paper (PA)
  Treatment: General, Review (G); Practical (P)
  Abstract: Based   on   studies   of   several   processes   for   introducing
telecooperation into the automotive industry, this article describes
experiences with the introduction of telecooperation, the identified
success factors and the existing limits of such innovative technology. Most
important differences between companies exist at the user level as well as
at the organizational level. Furthermore, support and management factors
are important to reach success. Mainly non-technical factors are important
for the effective use of telecooperation. Nevertheless, limits for
telecooperation still exist. Telecooperation cannot reduce organizational
deficiencies (either within the company organization or between companies)
or personal deficiencies. (10 Refs)
  Subfile: B C
  Descriptors: DP management; manufacturing data processing; product
development; risk management; wide area **networks**
  Identifiers: telecooperation; product development; risks; intercorporate
networks ; automotive industry; success factors; technology limits;
user-level differences; organizational-level differences; support factors;
management factors; nontechnical factors; organizational deficiencies;
personal deficiencies
  Class Codes: B6210L (Computer communications); B0170 (Project and
production engineering); B0140 (Administration and management); C7160 (
Manufacturing and industrial administration); C5620W (Other computer
networks); C0310D (Computer installation management)

06067136   INSPEC Abstract Number: B9511-6260-140
 Title: Code multiplex in optical communication technology
  Author(s): Freund, R.; Hampicke, D.; Iversen, K.; Muckenheim, J.;
Rauschenbach, P.; Reimer, W.; Rohr, W.; Scheiner, J.; Schleuss, F.;
Schubert, H.; **Wolf, M.** ; Ziemann, O.
  Author Affiliation: Inst. of Commun. & Meas. Technol., Ilmenau Tech.
Univ., Germany
  Journal: NE Science   vol.45, no.3   p.29-35
  Publication Date: May-June 1995 Country of Publication: West Germany
  CODEN: NESCEZ
  Language: German   Document Type: Journal Paper (JP)
  Treatment: Applications (A); Theoretical (T)
  Abstract: With increasing development of photonics and further
technological progress in microelectronics, known theoretical principles of
communication technology are becoming usable in an ever widening area.
Because of the wide bandwidth of the glass fibre transmission medium and
optical signal processing, code division multiple access (CDMA) is of
interest. This article surveys the use and potential of this technology on
various examples of application. (20 Refs)
  Subfile: B
  Descriptors: broadband **networks** ; code division multiple access; optical
fibre communication; optical information processing
  Identifiers: photonics; microelectronics; communication technology;
bandwidth; glass fibre transmission medium; optical signal processing; code
division multiple access; CDMA
  Class Codes: B6260 (Optical links and equipment); B6120B (Codes); B6150E
(Multiple access communication)

18/5/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC

05778600   INSPEC Abstract Number: B9411-6150M-033, C9411-5640-032
 Title: An approach for delay-sensitive services in CRMA-II
   Author(s): Gehring, H.; Ulrich, R.; **Wolf, M.**
   Author Affiliation: Erlangen Univ., Germany
   p.134-8
   Publisher: Eur. Inst. Commun. & Networks, Basel, Switzerland
   Publication Date: 1994 Country of Publication: Switzerland   iv+232 pp.
   ISBN: 3 905084 28 7
   Conference Title: Proceedings of Twelfth Annual Conference on European
Fibre Optic Communications and Networks (EFOC & N'94)
   Conference Date: 21-24 June 1994   Conference Location: Heidelberg,
Germany
   Availability: AKM   AG,   Clarastrasse 57, Postfach, CH-4005 Basel,
Switzerland
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Theoretical (T)
   Abstract: In this paper, we describe a concept for the extension of
CRMA-II (cyclic reservation multiple access) by a new service class.
CRMA-II is a medium access protocol for slotted gigabit **networks** . The new
service can be used for the ensured transfer of loss- and delay-sensitive
traffic, like motion picture transfer or real time communication. The
proposed methodology adapts to the known principles of CRMA-II and requires
no changes to the way asynchronous services are provided. Finally we
present and discuss some results of our analytical studies for performance
evaluation of this conception. (6 Refs)
   Subfile: B C
   Descriptors: multi-access systems; protocols; telecommunication traffic
   Identifiers: delay-sensitive services; CRMA-II; cyclic reservation
multiple access; new service class; medium access protocol; slotted gigabit
 networks ; delay-sensitive traffic; loss-sensitive traffic; motion picture
transfer; real time communication; asynchronous services; analytical
studies
   Class Codes: B6150M (Protocols); B6210L (Computer communications); B6150E
(Multiple access communication); C5640 (Protocols)

05596963   INSPEC Abstract Number: B9403-6210-023
 Title: Synchronization and timing of SDH networks
  Author(s): Powell, W.E.; Cubbage, R.W.; Ferrant, J.L.;   **Wolf, M.**
  Author Affiliation: Alcatel Network Syst., Raleigh, NC, USA
  Journal: Electrical Communication   no.4   p.349-58
  Publication Date: 1993 Country of Publication: France
  CODEN: ELCMAX
  Language: English   Document Type: Journal Paper (JP)
  Treatment: Practical (P); Theoretical (T); Experimental (X)
  Abstract: An adequate level of synchronization performance is critical to
achieving acceptable payload jitter and wander effects in a synchronous
digital   **network** . Two basic techniques are in existence: master-slave and
mutual   synchronization.   Both   European   and   North   American   **network**
synchronization plans are considered. Topics discussed include timing
information   transfer   through   the   **network** ,   the   pointer   mechanism,
reference distribution, and the synchronization **network** architecture.
Adaptation   to   plesiochronous   digital   hierarchy   transport   layers   is
considered, as well as the modelling of synchronization and jitter
accumulation. Measurement of synchronization stability using the time
deviation concept is illustrated. (6 Refs)
  Subfile: B
  Descriptors: electronic switching systems; SONET; switching **networks** ;
synchronisation; synchronous digital hierarchy; telephone **networks** ; time
measurement
  Identifiers: SDH **networks** ; synchronization performance; payload jitter;
wander effects; synchronous digital **network** ; master-slave synchronization
; mutual synchronization; North American **network** synchronization plans;
European **network** synchronization plans; **network** information transfer
timing; pointer mechanism; reference distribution; synchronization **network**
 architecture; plesiochronous digital hierarchy transport layers;
synchronization stability; time deviation concept
  Class Codes: B6210 (Telecommunication applications); B6260 (Optical
links and equipment); B6230B (Electronic telephone exchanges); B6150C (
Switching theory)

04754912   INSPEC Abstract Number: C90070385
 Title: Covert channels in LAN protocols
  Author(s): **Wolf, M.**
  Author Affiliation: Tele-Consulting GmbH, Gaufelden, West Germany
  Conference Title: Local Area Network Security. Workshop LANSEC '89.
European Institute for System Security (E.I.S.S.) Proceedings   p.91-101
  Editor(s): Berson, T.A.; Beth, T.
  Publisher: Springer-Verlag, Berlin, West Germany
  Publication Date: 1989 Country of Publication: West Germany   ix+152
pp.
  ISBN: 3 540 51754 5
  Conference Date: 3-6 April 1989   Conference Location: Karlsruhe, West
Germany
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Practical (P)
  Abstract: Encryption is generally understood as being the basic
mechanisms for LAN security. However, usage of encryption finds its
limitations in case of an unauthorized information flow via covert
channels. Some covert storage and timing channels inherent in a LAN's
architecture are already described in the literature. The author takes a
more general approach. He shows, that there is a potential of unused
bandwidth in commonly used LAN protocols (IEEE 802.2, 802.3, 802.4, 802.5),
which might be exploitable as covert channel. The key point is, that
exploitation of this potential of unused bandwidth is not a question of a
LAN's architecture, but is strongly dependent on the design of its internal
interfaces and on its implementations. The author describes how these
channels may be blocked and emphasizes the necessity to investigate the
design and implementation of the protocols as part of an evaluation of a
LAN. (9 Refs)
  Subfile: C
  Descriptors: local area **networks** ; protocols; security of data
  Identifiers: LAN security; encryption; covert storage; timing channels;
unused bandwidth; LAN protocols; IEEE 802.2; 802.3; 802.4; 802.5; covert
channel
  Class Codes: C5620L (Local area networks)

18/5/9   (Item 9 from file: 2)

04410143   INSPEC Abstract Number: A89080323, B89051736, C89044265
   Title: Differential nonlinearity compensation enables the design of a low-cost networked **MCA**
   Author(s): **Wolf, M.A.** ; McAtee, J.L., III
   Author Affiliation: Los Alamos Nat. Lab., NM, USA
   Journal: IEEE Transactions on Nuclear Science   vol.36, no.1, pt.1   p. 723-5
   Publication Date: Feb. 1989 Country of Publication: USA
   CODEN: IETNAE ISSN: 0018-9499
   U.S. Copyright Clearance Center Code: 0018-9499/89/0200-0723$01.00
   Conference Title: 1988 Nuclear Science Symposium
   Conference Sponsor: IEEE; Lawrence Berkeley Lab.; Lawrence Livermore Nat. Lab.; et al
   Conference Date: 9-11 Nov. 1988   Conference Location: Orlando, FL, USA
   Language: English   Document Type: Conference Paper (PA); Journal Paper (JP)
   Treatment: Practical (P)

   Abstract: An algorithm to compensate for the differential nonlinearity of an inexpensive integrated-circuit analog-to-digital converter (ADC) made it possible to develop a simple, low-cost multichannel analyzer (MCA). The cost is low enough ($250) to allow the use of an MCA per head in a plutonium continuous-air-monitoring (CAM) system. Multiple heads are connected to a standard personal computer via a simple **networking** scheme to allow a single computer to control a number of heads. The power requirements are low enough for the heads to be powered from a single power supply over the **network** cable. The system provides improved detectability, lower false alarm rates, lower installation costs, and lower maintenance. It is self-diagnosing for common problems and can even set its own filter change intervals. The authors discuss the design development, the circuit design, the software, and the performance. (2 Refs)
   Subfile: A B C
   Descriptors: pulse height analysers; software engineering
   Identifiers: low-cost **networked** MCA; differential nonlinearity; low-cost multichannel analyzer; **networking** scheme; power requirements; circuit design; software
   Class Codes: A2960E (Pulse counting assemblies; counting scalers, analyzers); B7430 (Counting circuits and electronics); C7320 (Physics and Chemistry)

0000639870   INSPEC Abstract Number: 1963B04554
   Title: Equalization in generation, transmission and distribution of electrical energy
   Author(s): Marcioni, E.; **Wolf, M.**
   Journal: Elektrizitaetswirtschaft   61 20   p.767-775
   Publication Date: 20 Oct. 1962 Country of Publication: Germany
   Language: German   Document Type: Journal Paper (JP)
   Abstract: The influence of equalization may be considered by examining the   values which the simultaneity factor may attain under various conditions. This factor is defined and its dependence on the number of consumers,   their   type   in   the   total   population and their load characteristics is discussed and shown in graphs. Further, the relation of the simultaneity factor to the load factor is investigated based on research work done in USA. The effect of the demand factor is discussed. The various methods used for the study of equalization problems are described. They consist to the taking of samples at random or of taking selected samples either in groups or in layers. These methods are critically compared. International comparisons are briefly dealt with.
   Subfile: B
   Descriptors: distribution **networks** ; power station load
   Identifiers: distribution **networks** ; load -- power stations
   Class Codes: B8110D (Power system planning and layout)

0000406401   INSPEC Abstract Number: 1953B00026
 Title: Reserve problem of power station and network **planning**
   Author(s): **Wolf, M.**
   Journal: Elektrizitaetswirtschaft   51   p.453-460
   Publication Date: 5 Aug. 1952 - 20 Aug. 1952 Country of Publication:
Germany
   Language: German   Document Type: Journal Paper (JP)

   Abstract: The principles of power station reserve are discussed and the
terminology defined. The dependence of reserve factor on installed turbine
and   boiler capacity and the effect of power station grouping are
considered,   giving   approximate   formulae   developed   from available
statistics. The effect of reserve factor on costs is noted. The paper is
illustrated by curves, block diagrams and tables. A discussion is appended.
   Subfile: B
   Descriptors: power station load
   Identifiers: load -- power stations
   Class Codes: B8110 (Power systems)

18/5/14   (Item 1 from file: 65)
DIALOG(R)File   65:Inside Conferences
(c) 2006 BLDSC all rts. reserv. All rts. reserv.

02153020   INSIDE CONFERENCE ITEM ID: CN022596985
Diffuse-Infrared Broadband-Communication System Based on Multiple   Optical Carriers
  Wolf, M. ; Maempel, D.; Iversen, K.
  CONFERENCE: Networks and optical communications Vol 2; ATM, networks and
    LANs-European conference
    P: 263-270
  Amsterdam, Oxford, IOS, 1996
  ISBN: 9051992769; 4274901041; 3905084465
  LANGUAGE: English DOCUMENT TYPE: Conference Papers
    CONFERENCE EDITOR(S): Faulkner, D. W.; Harmer, A. 1996 (199600) (199600
)

  BRITISH LIBRARY ITEM LOCATION: 98/00027
  DESCRIPTORS: NOC; ATM; optical communications; **networks** ; LANS; WDM
    networks

18/5/15   (Item 2 from file: 65)
DIALOG(R)File   65:Inside Conferences
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01714290   INSIDE CONFERENCE ITEM ID: CN017464924
**Time/wavelength coding for diffuse infrared communication systems   with
multiple optical carriers (2953-21)**
  Iversen, K.;   **Wolf, M.** ; Kuhwald, T.; Jugl, E.
  CONFERENCE: Broadband strategies and technologies for wide area and local
    access networks-Conference
  PROCEEDINGS- SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL   ENGINEERING,
  1996; ISSUE 2953 P: 204-212
  SPIE, 1996
  ISSN: 0361-0748 ISBN: 0819423572
  LANGUAGE: English DOCUMENT TYPE: Conference Papers
    CONFERENCE EDITOR(S): Vercelli, R.
    CONFERENCE SPONSOR: SPIE
    CONFERENCE LOCATION: Berlin
    CONFERENCE DATE: Oct 1996 (199610) (199610)

  BRITISH LIBRARY ITEM LOCATION: 6823.100000
  DESCRIPTORS: broadband strategies; wide area **networks** ; local access
    networks ; SPIE

DIALOG(R)File 144:Pascal

13066923   PASCAL No.: 97-0357583
Time/wavelength coding for diffuse infrared communication systems with multiple optical carriers
Broadband strategies and technologies for wide area and local access
networks **: Berlin, 10-11 October 1996**
IVERSEN K; **WOLF M** ; KUHWALD T; JUGL E; MUECKENHEIM J
VERCELLI Roberto, ed
Heinrich-Hertz-Institut fuer Nachrichtentechnik Berlin GmbH, Einsteinufer 37, 10587 Berlin, Germany; Technische Universitaet Ilmenau, P.O. Box 0565, 98684 Ilmenau, Germany
International Society for Optical Engineering, Bellingham WA, United States.
Broadband strategies and technologies for wide area and local access networks. Conferenc (Berlin DEU) 1996-10-10
Journal: SPIE proceedings series, 1996, 2953 204-212
ISSN: 1017-2653 Availability: INIST-21760; 354000062514830200
No. of Refs.: 15 ref.
Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)
Country of Publication: United States
Language: English
We propose two possibilities to combine multiple optical wavelengths (MOW) with code division multiple access (CDMA) to achieve asynchronous access in diffuse IR-systems. A serial coding type which combines D-ary wavelength-shift keying (WSK) with incoherent CDMA and a parallel coding type where the channels are distinguished by time/wavelength-matrices are investigated. We analyze the theoretical performance and show numerical results for different code families.

English Descriptors: Remote data processing; Equipment; Optical circuit;
   System architecture; Coding; Parallel system; Performance analysis; Error
   analysis; Experimental study; Simulation; System performance

French Descriptors: Teleinformatique; Equipement; Circuit optique;
   Architecture systeme; Codage; Systeme parallele; Analyse performance;
   Calcul erreur; Etude experimentale; Simulation; Performance systeme

Classification Codes: 001D02B06; 001D03G02C2; 001D02B10

19/5/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
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08755991   INSPEC Abstract Number: C2003-11-6150N-117
   Title: Service morphing: integrated system- and application-level service adaptation in autonomic systems
   Author(s): Poellabauer, C.; Schwan, K.; Agarwala, S.; Gavrilovska, A.; Eisenhauer, G.; Pande, S.; Pu, C.; **Wolf, M.**
   Author Affiliation: Coll. of Comput., Georgia Inst. of Technol., Atlanta, GA, USA
   Conference Title: Proceedings of the Autonomic Computing Workshop. Fifth Annual International Workshop on Active Middleware Services. AMS 2003   p. 93-102
   Editor(s): Parashar, M.; Hariri, S.; Raghavendra, C.
   Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
   Publication Date: 2003 Country of Publication: USA   x+197 pp.
   ISBN: 0 7695 1983 0   Material Identity Number: XX-2003-02581
   U.S. Copyright Clearance Center Code: 0-7695-1983-0/03/$17.00
   Conference Title: AMS 2003, Autonomic Computing Workshop: 5th Annual International Workshop on Active Middleware
   Conference Sponsor: IBM; Nat. Sci. Found.; Soc. Modeling & Simulation; IEEE; IEEE Comput. Soc.; Arizona Center for Integrative Modeling & Simulation; Univ. Southern California; WINLAB, Rutgers Univ
   Conference Date: 25 June 2003   Conference Location: Seattle, WA, USA
   Language: English   Document Type: Conference Paper (PA)
   Treatment: Practical (P)

   Abstract: Service morphing is a set of techniques used to continuously meet an application's quality of service (QoS) needs, in the presence of run-time variations in service locations, platform capabilities, or end-user needs. These techniques provide high levels of flexibility in how, when, and where necessary processing and communication actions are performed. Lightweight middleware supports flexibility by permitting end-users to subscribe to information channels of interest to them whenever they desire, and then apply exactly the processing to such information they require. New compiler and binary code generation techniques dynamically generate, deploy, and specialize code in order to **match** current **user** needs to available platform resources. Finally, to deal with run-time changes in resource availability, kernel-level resource management mechanisms are associated with user-level middleware. Such associations range from loosely coupled, where kernel-level resource management monitors and occasionally responds to userlevel events, to tightly coupled, where kernel-level mechanisms import, export, and use performance and control attributes in conjunction with each resource-relevant userlevel event. (34 Refs)
   Subfile: C
   Descriptors: configuration management; distributed algorithms; middleware ; program compilers; quality of service; resource allocation; user modelling
   Identifiers: service morphing; integrated system adaptation; application-level service adaptation; autonomic system; quality of service; QoS; run-time variation; service location; end-user need; communication action; middleware flexibility; information channel; information processing ; compiler technique; binary code generation; code deployment; code specialization; platform resource; run-time change; resource availability; kernel-level resource management mechanism; user-level middleware; user-level event monitoring
   Class Codes: C6150N (Distributed systems software); C6110B (Software engineering techniques); C6170K (Knowledge engineering techniques); C4240P (Parallel programming and algorithm theory); C6130 (Data handling techniques); C6150C (Compilers, interpreters and other processors)
   Copyright 2003, IEE

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Set     Items    Description
S1     3835345   NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
                 OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
                 OR TRANSPORT OR TRANSPORTING
S2     2126288   PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
                 DITION? ?
S3      990868   MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4       48204   S1 (5N) S2
S5         645   S3 (5N) S4
S6         213   S5 AND IC=G06F
S7          41   S6 AND PY=1976:1996
S8          41   IDPAT (sorted in duplicate/non-duplicate order)
S9          39   IDPAT (primary/non-duplicate records only)
S10    5174110   CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
                 ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
                 TERMINAL? ? OR WORKSTATION? ?
S11       1357   S10 AND S4 AND S3
S12        269   S10 (10N) S4 (10N) S3
S13         60   S12 AND PY=1976:1996
S14         60   IDPAT (sorted in duplicate/non-duplicate order)
S15         54   IDPAT (primary/non-duplicate records only)
S16         12   S15 AND IC=G06F
S17         38   S12 AND AY=1963:1996
S18         30   S17 NOT S16
S19         30   IDPAT (sorted in duplicate/non-duplicate order)
S20         30   IDPAT (primary/non-duplicate records only)
S21          8   S20 AND IC=G06F
S22         31   S9 NOT (S16 OR S21)
File 347:JAPIO Nov 1976-2005/Nov(Updated 060302)
         (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200615
         (c) 2006  Thomson Derwent
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011027859   **Image available**
WPI Acc No: 1997-005783/ **199701**
XRPX Acc No: N97-005324
  **Group terminal unit for multiplex-transmission supervisory-control system
  used in data communication - has condition comparator which** compares
  and distinguishes coincidence between condition **variation data stored
  in** transmission **data area and reception data area within same address**0
  respectively
Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No   Kind   Date   Applicat No   Kind   Date   Week
JP 8275261   A   19961018   JP 9570247   A   19950328   199701   B

Priority Applications (No Type Date): JP 9570247 A 19950328
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 8275261   A   10 H04Q-009/00

Abstract (Basic): JP 8275261 A
      The unit (A) has first and second CPUs (S,M) which manage a
   time-division-multiplex-signal processor (7) and a main controller (6)
   during data communication. A common memory (1) with a communication
   area is utilised during data communication. A condition data is
   received from a monitoring terminal (9) and the condition variation is
   distinguished. A condition variation data with an address is formed
   through a condition variation detector (5). A memory transmitter (2)
   sends the address of the condition variation data to the communication
   area of the memory. A memory receiver (3) outputs the address to the
   signal processor.
      The condition variation data transmitted to the memory
   communication area is stored in a transmission data area. A
   character-position condition variation data is stored in a reception
   data area. The condition variation data stored in the transmission data
   area and the reception data area are compared corresp. to the same
   address. A condition comparator (4) distinguishes the comparison
   coincidence.
      ADVANTAGE - Prevents incorrect data transmission by distinguishing
   abnormality in stored condition variation data.
      Dwg.1/11
Title Terms: GROUP; TERMINAL; UNIT; MULTIPLEX; TRANSMISSION; SUPERVISION;
   CONTROL; SYSTEM; DATA; COMMUNICATE; CONDITION; COMPARATOR; COMPARE;
   DISTINGUISH; COINCIDE; CONDITION; VARIATION; DATA; STORAGE; TRANSMISSION;
   DATA; AREA; RECEPTION; DATA; AREA; ADDRESS; RESPECTIVE
Derwent Class: T01; W05
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): **G06F-011/30 ; G06F-013/00**
File Segment: EPI

010171282   **Image available**
WPI Acc No: 1995-072535/ **199510**
XRPX Acc No: N95-057331
  **Distributed network management system - performs network management of
  higher order by comparing attribute value of management objects defined
  by sub-network management system**
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 6350612	A	19941222	JP 93139752	A	19930611	199510	B

Priority Applications (No Type Date): JP 93139752 A 19930611
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 6350612	A		5	H04L-012/28	

Abstract (Basic): JP 6350612 A
     The distribution network management system consists of a network
management system (4) with a high order network management system
(manager) (1) and sub-network management system (agent) (2). The
manager and agent have OSI function. A sub-network (5,6) is consists of
multiplexers (node) (11-14). A sub-network management system divides
the nodes arbitrarily and manages the communication network by changing
a group.
     Each agent gives definition and attribute of a management objects
such as a path (7-9) and a link (15-18) close to a sub-network.
Management information between related objects of a sub-network is not
formed. The manager collects a management object information such as
path (7,9) from agents (2,3) by **comparing   attribute** . The management
object between sub- **network** is not defined on a database.
     ADVANTAGE - Reduces managing information of manager. Reduces
reference processing time of management object in database. Reduces
memory requirement for management information.
     Dwg.1/2
Title Terms: DISTRIBUTE; NETWORK; MANAGEMENT; SYSTEM; PERFORMANCE; NETWORK;
  MANAGEMENT; HIGH; ORDER; COMPARE; ATTRIBUTE; VALUE; MANAGEMENT; OBJECT;
  DEFINE; SUB; NETWORK; MANAGEMENT; SYSTEM
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/28
International Patent Class (Additional): **G06F-013/00** ; H04L-012/24;
  H04L-012/26
File Segment: EPI

16/5/3   (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
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03677237   **Image available**
LINK PRODUCTION METHOD

PUB. NO.:   04-042337 [JP 4042337 A]
PUBLISHED: February 12, 1992 (**19920212)**
INVENTOR(s):   INAGAWA YURIKO
APPLICANT(s):   FUJI XEROX CO LTD [359761] (A Japanese Company or
                 Corporation), JP (Japan)
APPL. NO.:   02-149282 [JP 90149282]
FILED: June 07, 1990 (19900607)
INTL CLASS: [5] **G06F-012/00 ; G06F-015/40**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4
                 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1358, Vol. 16, No. 220, Pg. 5, May
                 22, 1992 (19920522)

ABSTRACT
PURPOSE: To improve the link production efficiency by securing the linkage
between a processing subject object and an object defined by the link
producing conditions as long as the contents of the processing subject
object are accordant with the link producing conditions which are
previously registered by a user.

CONSTITUTION: A link production control means 1 **compares** a processing
subject object 2 with the prescribed **conditions** (**link** producing
 conditions) 3 related to the linkage between the objects registered by a
 user when the object 2 is edited. When the contents of the object 2 are
accordant with the conditions 3, the means 1 secures the linkage between
the processing subject object 2 and the object 2 defined by the conditions
3. Thus the objects related with each other can be linked together in an
easy and quick way.

DIALOG(R)File 350:Derwent WPIX
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009090734   **Image available**
WPI Acc No: 1992-218155/ **199227**
XRPX Acc No: N92-165662
  **Monitoring operation of network coupled computers - carries out
  interrogation, comparison, and alarm tripping by protected monitor,
  linked to computers**
Patent Assignee: SIEMENS NIXDORF INFORM AG (SIEI)
Inventor: GLASCHICK R
Number of Countries: 018 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4101141	C	19920702	DE 4101141	A	19910116	199227	B
WO 9213307	A1	19920806	WO 92EP61	A	19920114	199234	
EP 567492	A1	19931103	EP 92902319	A	19920114	199344	
			WO 92EP61	A	19920114		
EP 567492	B1	19940921	EP 92902319	A	19920114	199436	
			WO 92EP61	A	19920114		
ES 2059211	T3	19941101	EP 92902319	A	19920114	199444	
US 5475625	A	19951212	US 9387786	A	19930713	199604	
			US 94340808	A	19941117		

Priority Applications (No Type Date): DE 4101141 A 19910116
Cited Patents: 2.Jnl.Ref; EP 304033; WO 9005418
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4101141	C		13	G06F-012/14	
WO 9213307	A1	G	26	G06F-011/00	

  Designated States (National): FI NO US
  Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL SE

EP 567492	A1	G	26	G06F-011/00	Based on patent WO 9213307

  Designated States (Regional): AT CH DE DK ES FR GB IT LI SE

EP 567492	B1	G	16	G06F-011/00	Based on patent WO 9213307

  Designated States (Regional): AT CH DK ES FR GB IT LI SE

ES 2059211	T3			G06F-011/00	Based on patent EP 567492
US 5475625	A		13	G05B-015/00	Cont of application US 9387786

Abstract (Basic): DE 4101141 C
      The process monitors **computers** (3) which are connected through a
  network (2). The **attributes** of data life of the **computers** are
  tested automatically and **compared** with stored and protected rated or
  required values for the attributes and an alarm signal given in case of
  non-agreement.
      The testing, comparison and the alarm tripping are carried out by
  a monitoring unit (1) connected to the computers and not accessible by
  intruders from outside. The rated values of the data constants, held by
  the monitoring unit, are not susceptible to test processes.
      USE/ADVANTAGE - For computer system protection, with reduced risk
  of unauthorised manipulation.
      Dwg.1/6
Title Terms: MONITOR; OPERATE; NETWORK; COUPLE; COMPUTER; CARRY;
  INTERROGATION; COMPARE; ALARM; TRIP; PROTECT; MONITOR; LINK; COMPUTER
Derwent Class: T01; W01
International Patent Class (Main): G05B-015/00; **G06F-011/00** ; **G06F-012/14**

File Segment: EPI

008842693   **Image available**
WPI Acc No: 1991-346709/ **199147**
XRPX Acc No: N91-265464
  Network management system with event rule handling - allows user to
  establish rules which are pattern matched **to** attributes **of incoming**
  events from network **objects**
Patent Assignee: RACAL DATA COMMUNICATIONS INC (RACA   )
Inventor: VRENJAK M J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5063523	A	19911105	US 89438375	A	19891116	199147	B

Priority Applications (No Type Date): US 89438375 A 19891116

Abstract (Basic): US 5063523 A
       The computer based network management system manages a data
communication network. The network management system has been developed
by a designer to operate in a predetermined noral manner for use by a
network management system user. A device receives an event message from
a network object situated in the data communication network. The event
message reports an event within the data communication network and
contains an attribute.
       A device stores a user defined rule within the network management
system the user defined rule being a rule added to the network
management system by the user to customize the predetermined normal
manner of operation of the network management system. A device compares
the attribute with the rule upon receipt of the even message to
determine if the attribute and the rule match. A device invokes a
predetermined SCRIPT containing at least one command upon determination
in the comparing device that attribute matches the rule.
       Dwg.1/3
Title Terms: NETWORK; MANAGEMENT; SYSTEM; EVENT; RULE; HANDLE; ALLOW; USER;
  ESTABLISH; RULE; PATTERN; MATCH; ATTRIBUTE; INCOMING; EVENT; NETWORK;
  OBJECT
Derwent Class: T01; W01
International Patent Class (Additional): **G06F-013/42** ; **G06F-015/16**
File Segment: EPI

007820553
WPI Acc No: 1989-085665/ **198911**
XRPX Acc No: N89-065372
**Session control in network for digital data processing system - has
protocol tower identifying object name along with communications
parameters and address information**
Patent Assignee: NIPPON DIGITAL EQUIP KK (DIGI)
Inventor: HARPER J; HARVEY G A; HAWE W; KONING G; LAUCK A; MILES K; ORAN D;
   HARVEY A G
Number of Countries: 007 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8902129	A	19890309	WO 88US3031	A	19880901	198911	B
EP 329779	A	19890830				198935	
JP 1502861	W	19890928	JP 88507752	A	19880901	198945	
US 5136716	A	19920804	US 8794306	A	19870904	199234	
			US 90492381	A	19900308		
EP 329779	B1	19921209	EP 88908586	A	19880901	199250	
			WO 88US3031	A	19880901		
DE 3876617	G	19930121	DE 3876617	A	19880901	199304	
			EP 88908586	A	19880901		
			WO 88US3031	A	19880901		
CA 1312144	C	19921229	CA 576417	A	19880902	199306	

Priority Applications (No Type Date): US 8794306 A 19870904; US 90492381 A
   19900308
Cited Patents: 4.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8902129	A	E	13		

   Designated States (National): JP
   Designated States (Regional): DE FR GB

EP 329779	A	E			

   Designated States (Regional): DE FR GB

US 5136716	A		8	G06F-003/00	Cont of application US 8794306
EP 329779	B1	E	11	G06F-015/16	Based on patent WO 8902129

   Designated States (Regional): DE FR GB NL

DE 3876617	G			G06F-015/16	Based on patent EP 329779
CA 1312144	C			G06F-015/16	Based on patent WO 8902129

Abstract (Basic): WO 8902129 A
     The distributed digital data processing system includes nodes which
communicate over a network. A node which maintains one or more objects,
each of which may be a file, that is, an addressable unit in the
system, such as a program database, text file, or the like or a
directory which may contain one or more files or other directories. One
node maintains a naming serive which associates each object in the
system with one or more protocol towers.
     Each protocol tower identifies the object name and a series of
entries each identifying a name for each of the protocol layers, along
with the communications parameters and address information.
     When a node requires access to an object maintained by an another
node, if first retrieves from the naming service the protocol towers
for the object. The node also maintains a tower identifying the names
of each of the protocols over which it can communicate. The node then
compares the protocol names in the retrieved protocol towers with the
protocol names over which is can communicate. If the protocol names
match the node uses the communications parameters and address
information in furture future communications with the object. If the
node is unable to identify a retrieved protocol tower which matches its

supported tower or towers, it is unable to communicate with the object.
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Title Terms: SESSION; CONTROL; NETWORK; DIGITAL; DATA; PROCESS; SYSTEM;
    PROTOCOL; TOWER; IDENTIFY; OBJECT; NAME; COMMUNICATE; PARAMETER; ADDRESS;
    INFORMATION
Derwent Class: T01
International Patent Class (Main): **G06F-003/00** ; **G06F-015/16**
International Patent Class (Additional): **G06F-013/38** ; H04L-013/00
File Segment: EPI